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Mr. Bradley S. Nave
Senior Site Director
Chemours Company
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500 West Jefferson St., Suite 1600
Louisville, KY 40202

**Re: Summary of 2016 Site Investigation Activities
Former DuPont Barksdale Explosives Plant
BRRTS No. 02-04-00156 / 02-04-550402**

Dear Mr. Nave:

This letter provides a summary of site investigation work conducted in 2016 at the Former DuPont Barksdale Works site (Figure 1). The information is provided for your communication to the Wisconsin Department of Natural Resources (WDNR) in order to fulfill their request for annual summary reports detailing field work conducted at the site.

The site characterization efforts conducted during the 2016 field season (April 11 through November 16, 2016) included:

- Delineation of subsurface residual solid product and process-related residuals
- Installation of two off-site monitoring wells
- Groundwater sampling
- Surface water and sediment sampling
- Field screening and characterization of debris and fill materials
- Characterization sampling at bio-pilot test sites

In addition to investigative efforts, pilot-scale bio-remediation evaluation (bio-pilot) work was continued in 2016 in an effort to further understand the mechanisms for biodegradation and pH controlled reduction of site-related constituents in soil. This work, associated waste management tasks, and the site investigation have been reported under separate cover (Waste Management Progress Report No. 5, Bioremediation Pilot Test – 2016 Field Season, Former DuPont Barksdale Explosives Plant; DuPont, Feb 8, 2017 [2016 HWVR]).

The 2016 investigation areas are indicated on Figure 2. The overall scope of work related to each of these efforts is summarized in the following paragraphs.

Delineation of Residual Solid Product and Process Residuals

Solid residual product has been found at former production buildings and ditches during past investigation work. As a result, typical sample collection methods such as GeoProbe® (percussive, direct push) sampling are not appropriate as an initial delineation technique. Alternatively, blast-shielded excavation equipment is used to open trenches and the exposed area is screened with amplifying fluorescent polymer field screening (FIDO®) combined with qualitative confirmation by colorimetric explosives identification spray (Expray®) to identify

explosive hazards. Confirmation soil samples are collected for analysis by an independent analytical laboratory following field screening.

When conducting delineation trenching, field crews conduct field screening using the FIDO®¹ along the proposed excavation surface then utilize non-sparking hand tools to investigate detections and remove any solid product present. Once the field screening results are evaluated, the shielded excavator is used to remove a thin layer of soil (1 to 6 inches deep) from the work area and screening/hand investigation is repeated on the newly exposed surface. This process continues until undisturbed native soil is encountered. If the excavation depth exceeds 3.5 feet, soils are first brought to the surface by the excavator and then screened.

In 2016, excavation work was focused on the former production areas in the northeastern portion of the site (Use Area PAH). Specifically, the following locations or production features were investigated:

- TNT 9/10 Main Ditch (PAHD0092 / PAHD0090)
- TNT 9/10 Northern Railgrade Ditch (PAHD0055)
- TNT 10 Bi/Tri Foundation (PAHB0033)
- TNT 10 Bi/Tri West Drainage Ditch (PAHD0157)
- TNT 10 Graining House West Drainage Ditch (PAHD0123)
- TNT 10 ditch between Graining House and Neutralizer (PAHD0133)

Approximately 302 pounds (lbs) of solid product, 1,260 lbs with soil, was recovered (Table 1) during the 2016 delineation trenching. This material was processed and shipped for off-site incineration (2016 HWVR).

Table 2 details the amount of soil managed at each of the above areas. A total of 5,092 cubic feet of soil that screened above background was removed and directly placed in cells for incorporation into two bio-pilot test cells constructed in 2016 (C-26 and C-27).

Once a building site or ditch had been cleared of potentially explosive materials, composite and grab samples were collected at the excavation base and sidewalls to evaluate conditions remaining after excavation. Samples in ditch excavations were collected about every 25 feet (Table 3) along the length of the ditch. Samples in buildings were collected every 15 feet on the building floor and along the exterior perimeter walls. The following paragraphs describe the work completed at each site feature investigated in 2016.

Feature ID PAHD0055: TNT 9/10 Northern Railgrade Ditch

This ditch extends 220 linear feet between the intersection of the TNT 9 Mono House drainage line (PAHD0109; investigated in 2014) and the TNT 9/10 Main Ditch (PAHD0090). Approximately 12 cubic yards (cu yds) of soil was removed and placed in cell C-26 for treatment. Approximately 79 lbs of solid product (2 lbs of which had high concentrations of DNT) was removed, processed, and shipped off-site for incineration. The laboratory results for

¹ The FIDO® instrument reports in % attenuation of its internal fluorescent light stream. Typical results range from 0.3% (background) to 30% attenuation (percentage product). Background readings vary based on humidity, wind speed, and instrument position (distance of the probe intake from the target media) but generally fall below 0.7 % attenuation. Readings between 0.7% and 2.0% have been observed to correlate with impacted soil at or below the Recreational RCL. Readings between 2% and 5 % have been reported for soil impacted below percentage levels. Readings between 5% and 30% commonly indicate solid product or dispersed residues in soil at the percentage level. Readings above 30% typically indicate saturation of the instrument.

the confirmation samples in this ditch indicated that the impacted material has been removed and no further action is necessary for this ditch-line.

Feature IDs PAHD0090 and PAHD0092: TNT 9/10 Main Ditch

The main ditch extends approximately 640 feet from the eastern end of the TNT 9/10 Railgrade Ditch to the TNT 10 area control culvert just north and perpendicular to the North Field Road. It was observed that soil in the north end of PAHD0090 was generally unaffected. 82 cu yds of soil was removed and placed in cell C-26 for treatment. The southern end of the ditch (PAHD0092), beginning just south of the intersection of the TNT 9/10 Neutralizer ditches, (PAHD0086 and PAHD0117, which were not completed in the 2016 field season) contained varying degrees of contamination along the length of the ditch. Approximately 22 cu yds of soil was removed from PAHD0092 and placed in cell C-27 for treatment. A total of 189 lbs of solid product was removed, processed, and shipped off-site for incineration from this ditch area. Four soil samples near the intersection of PAHD0133 and one soil sample at the southern end of the ditch had select NNOC concentrations above their respective screening criteria. Whether or not any further soil removal action is required at these locations will be determined by future risk evaluation of the area. Constituent concentrations in soil samples collected from the remainder of the ditch (610 linear feet) were all below their respective screening criteria and indicate that no further action is required.

Feature IDs PAHD0157, PAHD0123 and PAHD0133: TNT 10 Building Drainage Ditches

The remaining three ditches drain into the TNT 9/10 Main Ditch and originate over 100 feet to the east. Approximately 72 cu yds of soil was removed and placed in cells C-26 and C-27. Approximately 5 lbs of solid product was removed from these ditches. Most of the product was granular and present as thin layers, laminations, or mixed in the soil matrix.

- Approximately 28 cu yds of impacted soil was removed from PAHD0157 (TNT 10 Bi/Tri Drainage Ditch) and placed in cell C-26. The ditch did not follow previously expected routes to the southwest of TNT 10 Bi/Tri foundation and instead trended due west. Approximately 22 feet of 6 inch diameter vitrified clay pipe (VCP) was encountered near the eastern end of the ditch. A 24 foot run of steel pipe also ended near the west end of the VCP, draining into the same ditch. The ditch was 110 feet long and trended into the TNT 10 Bi/Tri foundation excavation. The laboratory results for the confirmation samples in this ditch indicated that no further action is required along this ditch-line.
- Approximately 18 cu yds of impacted soil was removed from PAHD0123 (TNT 10 Graining House Drainage Ditch) and placed in cell C-27. The ditch was 110 feet long with a 6 foot section of 6 inch VCP on the east end. Five pounds of solid product was removed from within and below the VCP joints. The laboratory results for the confirmation samples in this ditch indicated that no further action is required along this ditch-line.
- Approximately 26 cu yds of impacted soil was removed from PAHD0133 (ditch between the Graining House ditch and Neutralizer ditch) and placed in the northwest corner of cell C-27. A distinct layer of product was observed in the ditch; however, it was very thin (less than one inch). The ditch began to trend shallow toward the eastern end (1 foot below ground surface [bgs]). This was the last ditch investigated and time did not allow for the completion of the investigation. Approximately 100 feet of the ditch was investigated and further investigation will be required for the remaining portion of the

ditch. The laboratory results for the confirmation samples in this ditch indicated that two sample locations had select NNOC concentrations above their respective screening criteria. Whether or not any further soil removal action is required at these locations will be determined by future risk evaluation of the area. Constituent concentrations in soil samples collected from the remainder of the ditch (15 linear feet) were all below their respective screening criteria and indicate that no further action is required.

Feature ID PAHB0033: TNT 10 Bi/Tri Foundation

In 2014, the TNT 10 Bi/Tri foundation was emptied, lined with a tarp, and utilized to store approximately 2 cu yds of impacted soil from the PAJ Refined Triton East Graining House eastern drainage area. The stored soils were removed in 2016 and placed in cell C-26 for treatment. The liner was removed and placed in the site roll-off waste container for disposal. The foundation walls and soils around the foundation were excavated and field screened. The resulting area of this excavation work was approximately 36 feet by 25 feet. Because the field screening results indicated that the foundation walls were unaffected, they were placed in the open excavation and buried with the surrounding soils. The northeast corner of the foundation wall was left in place to allow for a survey benchmark (# 2). The laboratory results for the confirmation samples for this building indicated that no further investigation is required.

Delineation Summary

Approximately 1,300 linear feet of ditch-lines and foundations were cleaned and are clear of residual product through the 2016 field season. This effort covered about half of the PAH TNT 9/10 production area. The remaining ditch-lines and foundations to be investigated include:

- TNT 9 Bi/Trinitration East/West Ditch (PAHD0156)
- TNT 9 Bi/Trinitration to TNT 9 Neutralizer North/South Ditch (PAHD0080)
- TNT 9 Neutralizer Foundation (PAHB0027)
- TNT 9 Neutralizer East/West Ditch (PAHD0086)
- TNT 9 Graining House Ditches (PAHD0081 / PAHD0088)
- TNT 10 Bi/Trinitration to TNT 10 Neutralizer North/South Ditch (PAHD0112)
- TNT 10 Neutralizer East/West Ditch (PAHD0117)
- TNT 10 Eastern Railgrade Ditches (PAHD0113 / PAHD0125 / PAHD0132)
- TNT 10 ditch between Graining House and Neutralizer (PAHD0133)

Of the 346 soil samples collected in 2016, seven soil samples were returned with exceedances over site-specific RCLs (locations specified in previous paragraphs and on Figure 3). The need for future remedial action, if any, at these discrete locations will be dependent on an area-wide risk evaluation that will be conducted at a later date. Laboratory analytical reports for the 2016 site investigation samples are provided as an attachment.

Debris Segregation and Characterization Sampling

Remnant building materials were moved to allow field crews to gain access to delineation sites. The materials included remnant wood, metallic debris, VCP, concrete (foundation walls), and bricks. Characterization testing of these remnant items conducted in 2011 indicated that most of the debris typically encountered is devoid of site-related constituents, although some of the material did contain the target analytes. To determine which debris contained site-related constituents, field personnel screened these items using FIDO® and Expray® tools. Debris managed during the 2016 site investigation work is listed in Table 1.

In 2016, the only location where a significant volume of concrete was handled was the TNT 10 Bi/Trinitration House (PAHB0033). Since none of the material at that location screened above the typical FIDO® background reading of 0.55 instrument units, it was returned to the source excavation.

Former process drains constructed of VCP were encountered at three excavation sites in 2016:

- TNT 10 Bi/Tri Drainage Ditch (PAHD0112): 6 inch inside diameter (ID) drain line starting from about 10 feet south and 10 feet west of the southwest TNT 10 Bi/Tri Foundation corner trending west for 22 feet. It was removed and placed on a tarp adjacent to the excavation. It screened clean, was covered, and left in place on the tarp.
- TNT 10 Graining House Ditch (PAHD0123): 6 inch ID drain line starting from about 20 feet southwest of the visible southwest corner of the foundation trending west for 6 feet. It was removed and placed in the southwest corner of cell C-27. It screened high due to residual material adhered to the pipe. It was left in cell C-27 for cleaning or treatment.
- TNT 9/10 Main Ditch (PAHD0092): 3 foot ID culvert starting from 50 feet south of the PAHD0133 intersection and trending south 18 feet (3 x 6 foot long pieces). The pipe was 60% full with soil and surrounded by cinders, bricks, and sand. Some of the surrounding materials screened between 1.5 and 4.5 on the FIDO®, however the soils in the pipe and the pipe itself screened clean. The pipe was removed and placed on a tarp adjacent to the excavation. It was covered and left in place.

A total of 44 linear feet of VCP was opened or cleared of sediment in 2016. No VCP was removed from the site in 2016. Instances of these items encountered during the 2016 investigation work were mapped into the site Geographical Information System (GIS) for future reference. To date, VCP material at the site has not been found to absorb NNOCs.

Brick was found spread out in and around the VCP culvert in the southern region of the TNT 9/10 Main Ditch (feature ID PAHD0092 section). This was the only location where brick was observed.

Wood was segregated from soil during 2016 trenching operations. Wood was removed and gross contaminated material was removed from the wood and placed in appropriate waste containers. Approximately 2 cu feet of impacted wood was removed during the 2016 field season.

Metallic debris (pipe and rebar) was also encountered during the site investigation. Metallic debris was accumulated in designated centralized stockpiles: PAK-SP01 if screening clean or PAR-SP01 if screening detects NNOCs or if an item is bent in a way that obstructs it from full screening. A total of 2.5 cu feet of metal (38 linear feet of 2 inch to 4 inch diameter pipes) were collected, screened, and subsequently added to the clean stockpile at PAK-SP01 in 2016. Details of metallic debris processing have been reported under separate cover (2016 HWVR).

Groundwater Well Installation

Two new monitoring wells were installed during the 2016 field season to evaluate potential migration of TNX constituents from the PAI area in the northeast corner of the site. PZ-56D was installed north of the site on the “Kranz” property to a depth of 101 feet bgs. The well screen was set from 94 feet to 99 feet bgs. PZ-57D was installed northeast of the site near the boat launch on the west side of Bono Creek Rd. The well was similarly drilled to a depth of 101 feet bgs with the screen set at 95 feet to 100 feet bgs.

Subsurface materials encountered at both well locations consisted of primarily unconsolidated loose, wet sands that were prone to flowing during borehole advancement, which caused the drilling casing to be abandoned in place at both locations. Only thin layers of sandstone formation were encountered. Significant delays as a result of subsurface conditions and drill rig capabilities extended the length of the drilling event. Drilling delays caused delays in the on-site investigation activities, resulting in the field season extending into November 2016.

Groundwater Sampling and Gauging

Groundwater samples were collected from 59 monitoring wells between October 10 and October 21, 2016. This was the first comprehensive round of sampling since 2013 as well as the first full round of water levels and well inspections since 2013. The groundwater monitoring results will be provided in a separate report (2016 Groundwater Sampling Report).

Surface Water and Sediment Sampling

Surface water and sediment samples are taken periodically at the twelve locations where surface water leaves the site to determine whether these media are affected by operations on the site or by ongoing, naturally occurring erosion. In 2016, sediment quantities observed at these sampling locations were below the required volumes needed for sample collection. As a result, no sediment samples were collected for laboratory analysis.

Surface water samples were collected from the four drainage locations where flow was observed during the October 2016 sampling event. The laboratory reported a single, estimated (J-flag) detection of 2,4-dinitrotoluene (0.019 µg/L) at Mission Springs Creek, which is likely attributable to laboratory contamination. The only other detections reported by the laboratory were from the samples obtained from Boyd Creek, which reportedly contained 2-amino-4,6-dinitrotoluene, 4-amino-2,6-dinitrotoluene, 2-nitrotoluene, and estimated concentrations of several DNT isomers.

As a conservative screening step, the concentrations of constituents detected in surface water were compared to:

- Default USEPA Region 4 Ecological surface water screening criteria (chronic exposure).
- Default USEPA Region 4 Ecological surface water screening criteria (acute exposure).
- Default Wisconsin NR 105.80 surface water criteria for cold water communities (non-public water supply, contact with or ingestion of surface waters of the state and from ingestion of aquatic organisms taken from surface waters of the state).
- Default USEPA Recommended Water Quality Criteria for humans consuming organisms (i.e., fish).
- Calculated site-specific recreational criteria for a surface water wading scenario.

All of the detected 2016 constituent concentrations were below the above screening criteria. It should be noted that comparing the site data with the default criteria may be inappropriate because the basis for these criteria may be inconsistent with actual conditions (i.e., surface water in a ditch) where the samples were collected. A more detailed report documenting recent surface water sampling will be forwarded to WDNR at a later date.

Bio-Pilot Test Sites

Soil samples collected throughout many of the bio-pilot test sites indicate a significant decrease in constituent concentrations over time. As a result of constant biodegradation, constituent concentrations in soil in a number of cells have fallen below site-specific RCLs and active

biodegradation testing is not being conducted on these cells at this time. These “dormant cells” have been mulched, seeded, and monitored to measure rates of re-vegetation. These “dormant cells” include C-7, C-8, C-9, C-10, C-11, C-13, C-15, and C-18. The remaining cells listed in Table 2 are currently active.

In 2016, hydrated lime was added to the soil in cell C-24 (filled in 2015). Additionally, cell C-26 was constructed, fully loaded with soil, and also had hydrated lime mixed into the soil placed at that location. Cell C-27 was also constructed and some soil was added; however, an insufficient volume of soil was present at the end of the field season to warrant initiation of hydrolysis testing. Table 4 contains a summary of the volume of soil in each of the bio-cells at the end of the 2016 field season. Full details of the 2016 bio-pilot testing work were provided in the 2016 Hazardous Waste Variance Report (2016 HWVR) submitted to WDNR in February 2017.

Waste Recovery, Handling, and Disposal

Waste materials managed and/or removed during site investigation work in 2016 included residual product, soil washed from equipment, and decontamination wash water. Waste management details have been reported under separate cover (2016 HWVR).

To date, the total product removed from the Former Barksdale Works site (including incidental product entrained in decontamination waste streams) is estimated as follows:

Year	TNT (lbs)	DNT (lbs)	DNX (lbs)	TNX (lbs)	Water (gal)	Debris (tons)	Soil (tons)
2016	300	2	0	0	3,629	0.1	1
2015	1,940	7	0	0	150	1.6	2.3
2014	1,127	736	0	0	2,010	0.1	0.7
2013	658	0	0	0	2,050	2.4	0.8
2012	1,975	0	0	0	0	9.8	2
2011	5,343	8,008	73	0	7,069	4.1	34.9
2010	7,523	221	6	0	3,719	3	19
2009	1,066	2,577	430	0	1,547	23.3	27.2
2008	489	686	0	0	1,426	0.2	2.2
2007	547	3	0	0	2,728	0.2	2
2006	463	6	0	0	3,708	0.4	5.5
2005	455	1	0	0	2,211	0	0.9
2004	305	0	0	0	2,839	0	0.2
To Date	22,191	12,247	509	0	33,086	45	99

This table is a culmination of data collected from previous Site Summary reports. Also see 2016 HWVR.

As in the past, residual product and nitroaromatic and nitramine organic contaminated soil was appropriately containerized and shipped off-site for subsequent incineration by Veolia ES Technical Solutions in Sauget, IL. Decontamination water from site investigation-related equipment and processes was used in select bio-treatment test cells to keep the moisture content at an ideal range for alkaline hydrolysis to occur. Purge water from the monitoring well sampling as well as drill rig decontamination water and well development water collected during well construction and development efforts were placed in a large holding tank on site. Following carbon treatment, the stored water was shipped as hazardous free liquid for subsequent treatment by Veolia ES Technical Solutions to their Menomonee Falls, WI location.

Summary

The 2016 site investigation effort covered 1,280 linear feet of ditch-line and one building foundation. Seven of the 346 soil samples analyzed by the laboratory indicate that further risk evaluation is required to determine an appropriate future course of action at those locations. The need for future remedial action, if any, at these discrete locations will be dependent on an area-wide risk evaluation that will be conducted at a later date. An estimated 302 lbs of product was removed for off-site treatment. Another estimated 189 cu yds of soil was placed in bio-pilot cells for on-site treatment. Surface water sampling results indicate that off-site flow is below site-specific exposure screening criteria.


To date, an estimated total of 34,947 lbs of solid product (TNT, DNT, and DNX) have been removed from the site. Another estimated 4,534 cu yds of impacted soil (2016 HWVR) have been placed into bio-pilot treatment cells for on-site treatment.

AECOM appreciates the opportunity to support Chemours' investigation and remediation work at the Former DuPont Barksdale Works site and provide this summary of work completed in 2016. Should you have any questions or comments regarding the work summarized above, please do not hesitate to contact us.

Sincerely,



Nick Shorkey
Project Scientist
AECOM



C. E. "Cary" Pooler, PG
Senior Project Manager
AECOM

Attachments:

Tables

- Table 1 – 2016 Debris and Product Disposed
- Table 2 – 2016 Excavation Delineation Locations
- Table 3 – 2016 Soil Analytical Samples
- Table 4 – 2016 Bio Cell Historical Summary

Figures

- Figure 1 – Site Location
- Figure 2 – 2016 Field Work Locations
- Figure 3 – 2016 Delineation Field Work Locations
- Figure 4 – 2016 Groundwater Sampling Sites

Laboratory Reports

- PACE Analytical – November 30, 2016 – Site Investigation Sample Report
- TestAmerica Laboratories – December 20, 2016 – Site Investigation Sample Report
- TestAmerica Laboratories – November 25, 2016 – Surface Water Sample Report

Table 1
2016 Debris and Product Disposed
 Summary of 2016 Site Investigation Activities
 Former DuPont Barksdale Works
 Ashland, Wisconsin
 BRRTS: 02-04-000156 / 02-04-550402

Items For Off-site Disposal

Source	Material Description	Quantity (cf)	Weight as Received by Vendor (lbs)	On Site Holding Location	Off-site Disposal Destination	Manifest
Product						
TNT 9/10 Area Ditches (PAHD0055, PAHD0090, PAHD0092, PAHD0112, PAHD00123, & PAHD00133)	TNT	14.5	1,260	Magazine (PAK-WP01)	VES Sauget, IL	VES001132988
Wood						
TNT 9/10 Area Ditches (PAHD0090, PAHD0092, PAHD00123, & PAHD00133)	8" x 2" Planks	2.0	50	Accumulation Pad (SAJ-WP01)	VES Sauget, IL	Pending
Pipe, Steel						
TNT 9/10 Area Ditches (PAHD0090, PAHD0092, PAHD0123, & PAHD0133)	Steel pipes screening clean & rebar/bolts	0.5	N/A	PAR-SP01	Chicago Iron	Pending
TNT 10 Bi/Tri Drainage Ditch (PAHD0112)	Steel pipes screening clean	2.0	N/A	PAR-SP01	Chicago Iron	Pending
Other						
Decon Pad / Groundwater / Process Water	Decon water from drilling and waste water from well sampling	193.0	10,080	Accumulation Pad (SAJ-WP01)	VES Menomonee Falls, WI	VES00599219
Secondary Containment Pad	Drums with drilling development water, mud, and soils	336.0	22,725	Accumulation Pad (SAJ-WP01) / Temporary secondary containment pad	VES Menomonee Falls, WI	VES00599142
Introduced Materials	Impacted tarps, plastic, PPE, sampling scoops, and other materials	15.0	100	Accumulation Pad (SAJ-WP01)	VES Sauget, IL	Pending
Site Wide Soil Samples	Emptied Sample jars	7.5	100	Accumulation Pad (SAJ-WP01)	VES Sauget, IL	Pending

Items Not Requiring Off-site Disposal

Source	Material Description	Quantity (cf)		On Site Holding Location	Off-site Disposal Destination	Manifest
Pipe, Vitrified Clay (VCP)						
TNT 10 Bi/Tri West Ditch (PAHD0112)	6" diam. Terra cotta tile	3.8	N/A	C27	Not disposed of offsite	N/A
TNT 9/10 Main Ditch (PAHD0090 / 0092)	3' diam. Terra cotta tile	22.0	N/A	Adjacent to ditch	Not disposed of offsite	N/A
TNT 10 Graining West Ditch (PAHD0123)	6" diam. Terra cotta tile	1.0	N/A	Adjacent to ditch	Not disposed of offsite	N/A
Concrete						
TNT 10 Bi/Tri Foundation	Concrete screening < background	3000.0	Not wieghted	Left at source	Not disposed of offsite	N/A

Notes:
 cf = cubic feet (foot x foot x foot)
 lbs = pounds (weight)

N/A = No information available
 ' (aposterphe) = shorthand for feet
 " (single quotation mark) = shorthand for inches

Table 2
2016 Excavation Delineation Locations
 Summary of 2016 Site Investigation Activities
 Former DuPont Barksdale Works
 Ashland, Wisconsin
 BRRTS: 02-04-000156 / 02-04-550402

Source	Source Use Area	Impacted Soil Identified as Present at Source at End of 2015 (CF)	Impacted Soil Newly Identified at Source in 2016 (CF)	Impacted Soil Added to Source from Another Destination in 2016 (CF)	Impacted Soil Taken from Source to Another Destination in 2016 (CF)	Destination of Soil Moved from Source (2016)	Impacted Soil Identified as Present at Source at End of 2016 (CF)	No. Lab Samples in 2016 (Not including QAQC)
Impacted Soil at Bio-pilot Test Cells								
C01	PAC	367	0	0	0	--	367	3
C02	PAC	367	0	0	0	--	367	3
C03	PAC	367	0	0	0	--	367	3
C04	PAC	367	0	0	0	--	367	3
C05	PAC	11688	0	0	0	--	11688	8
C06	PAB	1848	0	0	0	--	1848	9
C07	PAB	0	0	0	0	--	0	0
C08	PAC	0	0	0	0	--	0	0
C09	PAC	0	0	0	0	--	0	2
C10	PAC	0	0	0	0	--	0	0
C11	PAC	0	0	0	0	--	0	0
C12	PAC	8100	0	0	0	--	8100	0
C13	PAC	0	0	0	0	--	0	0
C14	PAB	5115	0	0	0	--	5115	9
C15	PAB	0	0	0	0	--	0	0
C16	PAJ	4772	0	0	0	--	4772	0
C17	PAL	3599	0	0	0	--	3599	8
C18	PAM	0	0	0	0	--	0	0
C19	PAH	2876	0	0	0	--	2876	8
C20	PAH	4128	0	0	0	--	4128	8
C21	PAH	1109	0	0	0	--	1109	8
C22	PAI	14	0	0	0	--	14	0
C23	PAK	0	0	0	0	Decon Tank Room (SAJ-WP02)	0	0
C24	PAH	12150	0	0	5049	C26	7101	8
C25	PAH	6750	0	0	0	--	6750	0
C26	PAH	0	0	8289	0	--	8289	11
C27	PAH	0	0	1782	0	--	1782	1
Totals Handled at Cells		63615	0	10071	5049	--	68637	92
Hydrated Lime Treated Soil at Bio-pilot Test Cells								
C12AH	PAC	6400	0	0	0	--	6400	2
C16AH	PAJ	4772	0	0	0	--	4772	8
C24AH	PAH	0	7101	0	0	--	7101	0
C25AH	PAH	6750	0	0	0	--	6750	8
C26AH	PAH	0	8289	0	0	--	8289	0
Totals of Lime Treated Soils		17922	15390	0	0		33312	18
Impacted Soil at Buildings & Ditches								
TNT10: Bi-Trinitration House (PHB0033)	PAH	41	0	0	41	C26	0	11
TNT10: Bi-Trinitration West Ditch (PAHD0112)	PAH	0	743	0	743	C26	0	44
TNT 9/10 Northern Railgrade Ditch (PAHD0055)	PAH	0	314.55	0	315	C26	0	45
TNT 9/10 Main Ditch, North end (PAHD0090)	PAH	0	2205	0	2205	C26	0	45
TNT 9/10 Main Ditch, South end (PAHD0092)	PAH	0	597	0	597	C27	0	95
TNT10 Graining West Ditch (PAHD0123)	PAH	0	491	0	491	C27	0	57
TNT10 Ditch between Graining and Neutralizer (PAHD0133)	PAH	0	730	0	702	C27	28	37
Totals Handled at Buildings & Ditches in 2015		952	5080	0	5092	--	28	334

Notes:
 CF = cubic feet (foot x foot x foot)
 QAQC = Quality assurance & quality control

Sample ID	Quick Reference Name	Date	Time	Project	Work area (Example PAH)	Working Name	Sample Location Name (Ex PAHR007)	Top Depth (Surficial)	Bottom Depth (Surficial)	Sample Type	Matrix	QAQC (DUP / MS / MSD)	Description
SITG-161026-133X (0.0-6.0)	133X	10/26/2016	11:20	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	6	Comp	SOIL		0 ft to 15 ft east of 132X
SITG-161026-134X (0.0-3.0)	134X	10/26/2016	11:30	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	3	Comp	SOIL		0 ft to 15 ft east of eastern edge of the Main Ditch at the Intersection with PAHD0133, soil pile
SITG-161026-135X (0.0-2.0)	135X	10/26/2016	11:32	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	2	Comp	SOIL		15 ft to 30 ft east of eastern edge of the Main Ditch at the Intersection with PAHD0133, soil pile
SITG-161026-136X (0.0-2.0)	136X	10/26/2016	11:34	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	2	Comp	SOIL		30 ft to 45 ft east of eastern edge of the Main Ditch at the Intersection with PAHD0133, soil pile
SITG-161026-137X (0.0-2.0)	137X	10/26/2016	11:36	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	2	Comp	SOIL		45 ft to 60 ft east of eastern edge of the Main Ditch at the Intersection with PAHD0133, soil pile
SITG-161026-138X (0.0-1.0)	138X	10/26/2016	11:38	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	1	Comp	SOIL		60 ft to 75 ft east of eastern edge of the Main Ditch at the Intersection with PAHD0133, soil pile
SITG-161026-139X (0.0-1.0)	139X	10/26/2016	13:40	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		45 ft north of Intersection of the Main Ditch (PAHD0090) and PAHD0133
SITG-161026-140X (0.0-1.0)	140X	10/26/2016	13:42	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		30 ft north of Intersection of the Main Ditch (PAHD0090) and PAHD0133
SITG-161026-141X (0.0-1.0)	141X	10/26/2016	13:44	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft north of Intersection of the Main Ditch (PAHD0090) and PAHD0133
SITG-161026-142X (0.0-1.0)	142X	10/26/2016	13:46	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southwest of 141X
SITG-161026-143X (0.0-1.0)	143X	10/26/2016	13:48	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft south of 142X
SITG-161026-144X (0.0-1.0)	144X	10/26/2016	13:50	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 143X
SITG-161026-145X (0.0-1.0)	145X	10/26/2016	13:52	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 144X
SITG-161026-146X (0.0-1.0)	146X	10/26/2016	13:55	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 145X
SITG-161026-147X (0.0-1.0)	147X	10/26/2016	13:57	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL	MS/MSD/DUP	15 ft southeast of 146X
SITG-161026-148X (0.0-1.0)	148X	10/26/2016	14:00	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 147X
SITG-161026-149X (0.0-1.0)	149X	10/26/2016	14:02	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 148X
SITG-161026-150X (0.0-1.0)	150X	10/26/2016	14:04	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 149X
SITG-161026-151X (0.0-1.0)	151X	10/26/2016	14:06	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 150X
SITG-161026-152X (0.0-1.0)	152X	10/26/2016	14:08	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 151X
SITG-161026-153X (0.0-1.0)	153X	10/26/2016	14:10	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 152X
SITG-161026-154X (0.0-1.0)	154X	10/26/2016	14:12	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 153X
SITG-161026-155X (0.0-1.0)	155X	10/26/2016	14:14	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 154X
SITG-161026-156X (0.0-1.0)	156X	10/26/2016	14:08	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 155X
SITG-161026-157X (0.0-1.0)	157X	10/26/2016	14:10	Phase 6 Site Investigation	PAH	Main Ditch	PAHD0090	0	1	Comp	SOIL		15 ft southeast of 156X
SITG-161026-158X (0.0-1.0)	158X	10/26/2016	14:15	Phase 6 Site Investigation	PAH	PAHD0123	PAHD0123	0	1	Comp	SOIL		15 ft southeast of 152X
SITG-161026-159X (0.0-1.0)	159X	10/26/2016	14:17	Phase 6 Site Investigation	PAH	PAHD0123	PAHD0123	0	1	Comp	SOIL		15 ft east of 158X
SITG-161026-160X (0.0-1.0)	160X	10/26/2016	14:20	Phase 6 Site Investigation	PAH	PAHD0123	PAHD0123	0	1	Comp	SOIL		15 ft east of 159X
SITG-161026-161X (0.0-1.0)	161X	10/26/2016	14:22	Phase 6 Site Investigation	PAH	PAHD0123	PAHD0123	0	1	Comp	SOIL		15 ft east of 160X
SITG-161026-162X (0.0-1.0)	162X	10/26/2016	14:25	Phase 6 Site Investigation	PAH	PAHD0123	PAHD0123	0	1	Comp	SOIL		15 ft east of 161X
SITG-161026-163X (0.0-1.0)	163X	10/26/2016	14:27	Phase 6 Site Investigation	PAH	PAHD0123	PAHD0123	0	1	Comp	SOIL	MS/MSD/DUP	15 ft east of 162X
SITG-161026-164X (0.0-1.0)	164X	10/26/2016	14:30	Phase 6 Site Investigation	PAH	PAHD0123	PAHD0123	0	1	Comp	SOIL		15 ft east of 163X
SITG-161026-165X (0.0-1.0)	165X	10/26/2016	15:00	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	1	Comp	SOIL		30 ft east of 142X
SITG-161026-166X (0.0-1.0)	166X	10/26/2016	15:04	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	1	Comp	SOIL		15 ft east of 165X
SITG-161026-167X (0.0-1.0)	167X	10/26/2016	15:06	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	1	Comp	SOIL		15 ft east of 166X
SITG-161026-168X (0.0-1.0)	168X	10/26/2016	15:08	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	1	Comp	SOIL		15 ft east of 167X
SITG-161026-169X (0.0-1.0)	169X	10/26/2016	15:10	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	1	Comp	SOIL		15 ft east of 168X
SITG-161026-170X (0.0-1.0)	170X	10/26/2016	15:12	Phase 6 Site Investigation	PAH	PAHD0133	PAHD0133	0	1	Comp	SOIL		15 ft east of 169X

Notes:

Comp = Composite sample (sample taken from multiple locations in a given area; i.e. a subcell)

QAQC = Quality assurance & quality control

D/MS/MSD = Duplicate / Matrix spike / Duplicate matrix spike

At the end of samples, there is a letter (N, S, E, W, C, X, etc)

ft = feet (measurement of distance)

C = Cell (Bio Pilot)

N/A = No information available

X = composite sample, multiple locations within a defined area mixed together to represent the area

T = topsoil sample, a confirmation composite sample taken after a disturbed area is restored

N = northern sidewall sample used to define a potentially clean boundary of a disturbed area

S = southern sidewall sample used to define a potentially clean boundary of a disturbed area

E = eastern sidewall sample used to define a potentially clean boundary of a disturbed area

W = western sidewall sample used to define a potentially clean boundary of a disturbed area

C = center bottom sample used to define a potentially clean boundary of a disturbed area

Sample ID	Quick Reference Name	Date	Time	Project	Work area (Example Northern)	Working Name	Sample location / GW Zone (Example Deep)	Top Depth (Top of screen)*	Bottom Depth (Bottom of screen)*	Sample Type	Matrix	QAQC (DUP / MS /MSD)	Analysis	Description	Additional Notes
GW1016-PZ-35D	PZ-35D	10/11/2016	15:00	Site Investigation - GW	Southern	PZ-35D	Intermediate	111.0	116.0	Grab	Water		NNOCs, DNX, PERC	Groundwater sample. Sampled with dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-35O	PZ-35O	10/11/2016	14:20	Site Investigation - GW	Southern	PZ-35O	Shallow	17.6	27.6	Grab	Water		Perchlorate	Groundwater sample. Sampled with dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-36D	PZ-36D	10/11/2016	12:30	Site Investigation - GW	Southern	PZ-36D	Intermediate	198.4	203.4	Grab	Water		NNOCs, DNX	Groundwater sample. Sampled with dedicated bladder pump	
GW1016-PZ-36O	PZ-36O	10/11/2016	11:50	Site Investigation - GW	Southern	PZ-36O	Shallow	39.7	49.7	Grab	Water		Perchlorate	Groundwater sample. Sampled with dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-38D	PZ-38D	10/20/2016	11:40	Site Investigation - GW	East-Central	PZ-38D	Intermediate	63.7	73.7	Grab	Water		NNOCs, VOCs, Perc	Groundwater sample. Sampled with dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-39D	PZ-39D	10/20/2016	11:35	Site Investigation - GW	East-Central	PZ-39D	Intermediate	30.0	30.0	Grab	Water		NNOCs, DNX, VOCs, Perc	Groundwater sample. Sampled with dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-40O	PZ-40O	10/12/2016	16:15	Site Investigation - GW	Southern	PZ-40O	Shallow	35.0	45.0	Grab	Water		Perchlorate	Groundwater sample. Sampled with dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-41O	PZ-41O	10/20/2016	10:15	Site Investigation - GW	Southern	PZ-41O	Shallow	26.3	36.3	Grab	Water		NNOCs, PERC	Groundwater sample. Sampled with dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-44O	PZ-44O	10/12/2016	13:50	Site Investigation - GW	East-Central	PZ-44O	Shallow	22.2	32.2	Grab	Water		Perchlorate	Groundwater sample. Sampled with dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-51O	PZ-51O	10/21/2016	12:50	Site Investigation - GW	East-Central	PZ-51O	Shallow	32.0	42.0	Grab	Water		Perchlorate	Groundwater sample. Sampled with non-dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-52O	PZ-52O	10/21/2016	11:10	Site Investigation - GW	East-Central	PZ-52O	Shallow	18.0	28.0	Grab	Water		Perchlorate	Groundwater sample. Sampled with non-dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-53O	PZ-53O	10/21/2016	12:00	Site Investigation - GW	Southern	PZ-53O	Shallow	28.8	38.8	Grab	Water		Perchlorate	Groundwater sample. Sampled with non-dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-54O	PZ-54O	10/21/2016	10:15	Site Investigation - GW	Southern	PZ-54O	Shallow	35.6	45.6	Grab	Water		Perchlorate	Groundwater sample. Sampled with non-dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-55O	PZ-55O	10/21/2016	9:15	Site Investigation - GW	East-Central	PZ-55O	Shallow	28.3	38.3	Grab	Water		Perchlorate	Groundwater sample. Sampled with non-dedicated bladder pump	Perchlorate Samples Filtered
GW1016-PZ-56D	PZ-56D	10/10/2016	15:55	Site Investigation - GW	North-Central	PZ-56D	Intermediate	90.0	95.0	Grab	Water		DNX, TNX	Groundwater sample. Sampled with dedicated bladder pump	
GW1116-PZ-56D	PZ-56D	11/9/2016	12:30	Site Investigation - GW	North-Central	PZ-56D	Intermediate	90.0	95.0	Grab	Water		TNX	Groundwater sample. Sampled from inflow valve of trailer water system	
GW1016-PZ-57D	PZ-57D	10/10/2016	12:40	Site Investigation - GW	North-Central	PZ-57D	Intermediate	92.5	97.5	Grab	Water		DNX, TNX	Groundwater sample. Sampled with dedicated bladder pump	
GW1116-PZ-57D	PZ-57D	11/9/2016	11:35	Site Investigation - GW	North-Central	PZ-57D	Intermediate	92.5	97.5	Grab	Water		TNX	Groundwater sample. Sampled from inflow valve of trailer water system	

Notes:
 * Depth is relative to ground surface
 GW = Ground Water
 PZ = Piezometer
 MW = Monitoring Well
 QAQC = Quality assurance & quality control
 D/MS/MSD = Duplicate / Matrix spike / Duplicate matrix spike

N/A = No information available
 NNOC = Site specific Nitra & Nitro organic compounds
 DNT = Dinitrotoluene
 TNX = Trinitroxylyene
 DNX = Dinitroxylyenes
 Perc = Perchlorate
 VOC = Volatile organic compounds

Table 3 (c)
Bio Pilot Samples
 Summary of 2016 Site Investigation Activities
 Former DuPont Barksdale Works
 Ashland, Wisconsin
 BRRTS: 02-04-000156 / 02-04-550402

Sample ID	Quick Reference Name	Date	Time	Project	Work area (Example PAH)	Working Name	Sample Location Name (Ex PAHR007)	Top Depth (Surficial)	Bottom Depth (Surficial)	Sample Type	Matrix	QAQC (DUP / MS /MSD)	Description
BPSB-160929-C05 (0.0-1.0)	C05	9/29/2016	8:20	Bio Pilot	PAC	C05	Cell 5	0.0	1.0	Comp	SOIL		
BPSB-160929-C05-A3 (0.0-1.0)	C05-A3	9/29/2016	8:05	Bio Pilot	PAC	C05 - A3	Cell 5	0.0	1.0	Comp	SOIL		
BPSB-160929-C05-A5 (0.0-1.0)	C05-A5	9/29/2016	8:08	Bio Pilot	PAC	C05 - A5	Cell 5	0.0	1.0	Comp	SOIL		
BPSB-160929-C05-A6 (0.0-1.0)	C05-A6	9/29/2016	8:11	Bio Pilot	PAC	C05 - A6	Cell 5	0.0	1.0	Comp	SOIL		
BPSB-160929-C05-B1 (0.0-1.0)	C05-B1	9/29/2016	8:06	Bio Pilot	PAC	C05 - B1	Cell 5	0.0	1.0	Comp	SOIL		
BPSB-160929-C05-B2 (0.0-1.0)	C05-B2	9/29/2016	8:09	Bio Pilot	PAC	C05 - B2	Cell 5	0.0	1.0	Comp	SOIL		
BPSB-160929-C05-B4 (0.0-1.0)	C05-B4	9/29/2016	8:12	Bio Pilot	PAC	C05 - B4	Cell 5	0.0	1.0	Comp	SOIL		
BPSB-160929-C05-B5 (0.0-1.0)	C05-B5	9/29/2016	8:15	Bio Pilot	PAC	C05 - B5	Cell 5	0.0	1.0	Comp	SOIL		
BPSB-160929-C06 (0.0-1.0)	C06	9/29/2016	8:45	Bio Pilot	PAB	C06	Cell 6	0.0	1.0	Comp	SOIL		
BPSB-160929-C06-A2 (0.0-1.0)	C06-A2	9/29/2016	8:36	Bio Pilot	PAB	C06 - A2	Cell 6	0.0	1.0	Comp	SOIL		
BPSB-160929-C06-A3 (0.0-1.0)	C06-A3	9/29/2016	8:39	Bio Pilot	PAB	C06 - A3	Cell 6	0.0	1.0	Comp	SOIL		
BPSB-160929-C06-A5 (0.0-1.0)	C36-A5	9/29/2016	8:42	Bio Pilot	PAB	C06 - A5	Cell 6	0.0	1.0	Comp	SOIL		
BPSB-160929-C06-A6 (0.0-1.0)	C06-A6	9/29/2016	8:45	Bio Pilot	PAB	C06 - A6	Cell 6	0.0	1.0	Comp	SOIL		
BPSB-160929-C06-B1 (0.0-1.0)	C06-B1	9/29/2016	8:44	Bio Pilot	PAB	C06 - B1	Cell 6	0.0	1.0	Comp	SOIL		
BPSB-160929-C06-B4 (0.0-1.0)	C06-B4	9/29/2016	8:41	Bio Pilot	PAB	C06 - B4	Cell 6	0.0	1.0	Comp	SOIL		
BPSB-160929-C06-B5 (0.0-1.0)	C06-B5	9/29/2016	8:38	Bio Pilot	PAB	C06 - B5	Cell 6	0.0	1.0	Comp	SOIL		
BPSB-160929-C06-B6 (0.0-1.0)	C06-B6	9/29/2016	8:35	Bio Pilot	PAB	C06 - B6	Cell 6	0.0	1.0	Comp	SOIL		
BPSB-160929-C14 (0.0-1.0)	C14	9/29/2016	9:20	Bio Pilot	PAB	C14	Cell 14	0.0	1.0	Comp	SOIL		
BPSB-160929-C14-A3 (0.0-1.0)	C14-A3	9/29/2016	9:10	Bio Pilot	PAB	C14 - A3	Cell 14	0.0	1.0	Comp	SOIL		
BPSB-160929-C14-A5 (0.0-1.0)	C14-A5	9/29/2016	9:13	Bio Pilot	PAB	C14 - A5	Cell 14	0.0	1.0	Comp	SOIL		
BPSB-160929-C14-A6 (0.0-1.0)	C14-A6	9/29/2016	9:16	Bio Pilot	PAB	C14 - A6	Cell 14	0.0	1.0	Comp	SOIL		
BPSB-160929-C14-B1 (0.0-1.0)	C14-B1	9/29/2016	9:15	Bio Pilot	PAB	C14 - B1	Cell 14	0.0	1.0	Comp	SOIL		
BPSB-160929-C14-B2 (0.0-1.0)	C14-B2	9/29/2016	9:09	Bio Pilot	PAB	C14 - B2	Cell 14	0.0	1.0	Comp	SOIL		
BPSB-160929-C14-B4 (0.0-1.0)	C14-B4	9/29/2016	9:12	Bio Pilot	PAB	C14 - B4	Cell 14	0.0	1.0	Comp	SOIL	MS/MSD/DUP	
BPSB-160929-C14-B5 (0.0-1.0)	C14-B5	9/29/2016	9:15	Bio Pilot	PAB	C14 - B5	Cell 14	0.0	1.0	Comp	SOIL		
BPSB-160929-C14-B6 (0.0-1.0)	C14-B6	9/29/2016	9:19	Bio Pilot	PAB	C14 - B6	Cell 14	0.0	1.0	Comp	SOIL		
BPSB-160929-C17-A1 (0.0-1.0)	C17-A1	9/29/2016	9:59	Bio Pilot	SAE	C17 - A1	Cell 17	0.0	1.0	Comp	SOIL		
BPSB-160929-C17-A2 (0.0-1.0)	C17-A2	9/29/2016	9:56	Bio Pilot	SAE	C17 - A2	Cell 17	0.0	1.0	Comp	SOIL		
BPSB-160929-C17-A3 (0.0-1.0)	C17-A3	9/29/2016	9:53	Bio Pilot	SAE	C17 - A3	Cell 17	0.0	1.0	Comp	SOIL		
BPSB-160929-C17-A4 (0.0-1.0)	C17-A4	9/29/2016	9:50	Bio Pilot	SAE	C17 - A4	Cell 17	0.0	1.0	Comp	SOIL		
BPSB-160929-C17-B1 (0.0-1.0)	C17-B1	9/29/2016	10:00	Bio Pilot	SAE	C17 - B1	Cell 17	0.0	1.0	Comp	SOIL		
BPSB-160929-C17-B2 (0.0-1.0)	C17-B2	9/29/2016	9:57	Bio Pilot	SAE	C17 - B2	Cell 17	0.0	1.0	Comp	SOIL		
BPSB-160929-C17-B3 (0.0-1.0)	C17-B3	9/29/2016	9:54	Bio Pilot	SAE	C17 - B3	Cell 17	0.0	1.0	Comp	SOIL		
BPSB-160929-C17-B4 (0.0-1.0)	C17-B4	9/29/2016	9:51	Bio Pilot	SAE	C17 - B4	Cell 17	0.0	1.0	Comp	SOIL		
BPSB-160929-C12AH-A (0.0-1.0)	C12-A	9/29/2016	9:35	Bio Pilot	PAC	C12AH - A	Cell 12	0.0	1.0	Comp	SOIL		
BPSB-160929-C12AH-B (0.0-1.0)	C12-B	9/29/2016	9:36	Bio Pilot	PAC	C12AH - B	Cell 12	0.0	1.0	Comp	SOIL		
BPSB-160929-C20-A1 (0.0-1.0)	C20-A1	9/29/2016	10:41	Bio Pilot	PAH	C20 - A1	Cell 20	0.0	1.0	Comp	SOIL		
BPSB-160929-C20-A2 (0.0-1.0)	C20-A2	9/29/2016	10:44	Bio Pilot	PAH	C20 - A2	Cell 20	0.0	1.0	Comp	SOIL		
BPSB-160929-C20-A3 (0.0-1.0)	C20-A3	9/29/2016	10:47	Bio Pilot	PAH	C20 - A3	Cell 20	0.0	1.0	Comp	SOIL	MS/MSD/DUP	
BPSB-160929-C20-A4 (0.0-1.0)	C20-A4	9/29/2016	10:50	Bio Pilot	PAH	C20 - A4	Cell 20	0.0	1.0	Comp	SOIL		
BPSB-160929-C20-B1 (0.0-1.0)	C20-B1	9/29/2016	10:40	Bio Pilot	PAH	C20 - B1	Cell 20	0.0	1.0	Comp	SOIL		
BPSB-160929-C20-B2 (0.0-1.0)	C20-B2	9/29/2016	10:43	Bio Pilot	PAH	C20 - B2	Cell 20	0.0	1.0	Comp	SOIL		

Sample ID	Quick Reference Name	Date	Time	Project	Work area (Example PAH)	Working Name	Sample Location Name (Ex PAHR007)	Top Depth (Surficial)	Bottom Depth (Surficial)	Sample Type	Matrix	QAQC (DUP / MS /MSD)	Description
BPSB-160929-C20-B3 (0.0-1.0)	C20-B3	9/29/2016	10:46	Bio Pilot	PAH	C20 - B3	Cell 20	0.0	1.0	Comp	SOIL		
BPSB-160929-C20-B4 (0.0-1.0)	C20-B4	9/29/2016	10:49	Bio Pilot	PAH	C20 - B4	Cell 20	0.0	1.0	Comp	SOIL		
BPSB-160929-C19-A1 (0.0-1.0)	C19-A1	9/29/2016	11:15	Bio Pilot	PAH	C19 - A1	Cell 19	0.0	1.0	Comp	SOIL		
BPSB-160929-C19-A2 (0.0-1.0)	C19-A2	9/29/2016	11:18	Bio Pilot	PAH	C19 - A2	Cell 19	0.0	1.0	Comp	SOIL		
BPSB-160929-C19-A3 (0.0-1.0)	C19-A3	9/29/2016	11:21	Bio Pilot	PAH	C19 - A3	Cell 19	0.0	1.0	Comp	SOIL		
BPSB-160929-C19-A4 (0.0-1.0)	C19-A4	9/29/2016	11:24	Bio Pilot	PAH	C19 - A4	Cell 19	0.0	1.0	Comp	SOIL		
BPSB-160929-C19-B1 (0.0-1.0)	C19-B1	9/29/2016	11:16	Bio Pilot	PAH	C19 - B1	Cell 19	0.0	1.0	Comp	SOIL		
BPSB-160929-C19-B2 (0.0-1.0)	C19-B2	9/29/2016	11:19	Bio Pilot	PAH	C19 - B2	Cell 19	0.0	1.0	Comp	SOIL		
BPSB-160929-C19-B3 (0.0-1.0)	C19-B3	9/29/2016	11:22	Bio Pilot	PAH	C19 - B3	Cell 19	0.0	1.0	Comp	SOIL		
BPSB-160929-C19-B4 (0.0-1.0)	C19-B4	9/29/2016	11:25	Bio Pilot	PAH	C19 - B4	Cell 19	0.0	1.0	Comp	SOIL		
BPSB-160929-C25AH-A1 (0.0-1.0)	C25-A1	9/29/2016	11:30	Bio Pilot	PAH	C25AH - A1	Cell 25	0.0	1.0	Comp	SOIL		
BPSB-160929-C25AH-A2 (0.0-1.0)	C25-A2	9/29/2016	11:33	Bio Pilot	PAH	C25AH - A2	Cell 25	0.0	1.0	Comp	SOIL		
BPSB-160929-C25AH-A3 (0.0-1.0)	C25-A3	9/29/2016	11:36	Bio Pilot	PAH	C25AH - A3	Cell 25	0.0	1.0	Comp	SOIL	DUP	
BPSB-160929-C25AH-A4 (0.0-1.0)	C25-A4	9/29/2016	11:39	Bio Pilot	PAH	C25AH - A4	Cell 25	0.0	1.0	Comp	SOIL		
BPSB-160929-C25AH-B1 (0.0-1.0)	C25-B1	9/29/2016	11:31	Bio Pilot	PAH	C25AH - B1	Cell 25	0.0	1.0	Comp	SOIL		
BPSB-160929-C25AH-B2 (0.0-1.0)	C25-B2	9/29/2016	11:34	Bio Pilot	PAH	C25AH - B2	Cell 25	0.0	1.0	Comp	SOIL		
BPSB-160929-C25AH-B3 (0.0-1.0)	C25-B3	9/29/2016	11:37	Bio Pilot	PAH	C25AH - B3	Cell 25	0.0	1.0	Comp	SOIL		
BPSB-160929-C25AH-B4 (0.0-1.0)	C25-B4	9/29/2016	11:40	Bio Pilot	PAH	C25AH - B4	Cell 25	0.0	1.0	Comp	SOIL	MS/MSD/DUP	
BPSB-160929-C21-A1 (0.0-1.0)	C21-A1	9/29/2016	11:50	Bio Pilot	PAH	C21 - A1	Cell 21	0.0	1.0	Comp	SOIL		
BPSB-160929-C21-A2 (0.0-1.0)	C21-A2	9/29/2016	11:53	Bio Pilot	PAH	C21 - A2	Cell 21	0.0	1.0	Comp	SOIL		
BPSB-160929-C21-A3 (0.0-1.0)	C21-A3	9/29/2016	11:56	Bio Pilot	PAH	C21 - A3	Cell 21	0.0	1.0	Comp	SOIL		
BPSB-160929-C21-A4 (0.0-1.0)	C21-A4	9/29/2016	11:59	Bio Pilot	PAH	C21 - A4	Cell 21	0.0	1.0	Comp	SOIL		
BPSB-160929-C21-B1 (0.0-1.0)	C21-B1	9/29/2016	11:51	Bio Pilot	PAH	C21 - B1	Cell 21	0.0	1.0	Comp	SOIL		
BPSB-160929-C21-B2 (0.0-1.0)	C21-B2	9/29/2016	11:54	Bio Pilot	PAH	C21 - B2	Cell 21	0.0	1.0	Comp	SOIL		
BPSB-160929-C21-B3 (0.0-1.0)	C21-B3	9/29/2016	11:57	Bio Pilot	PAH	C21 - B3	Cell 21	0.0	1.0	Comp	SOIL		
BPSB-160929-C21-B4 (0.0-1.0)	C21-B4	9/29/2016	12:00	Bio Pilot	PAH	C21 - B4	Cell 21	0.0	1.0	Comp	SOIL	MS/MSD/DUP	
BPSB-160929-C16AH-A1 (0.0-1.0)	C16-A1	9/29/2016	12:19	Bio Pilot	PAJ	C16AH - A1	Cell 16	0.0	1.0	Comp	SOIL		
BPSB-160929-C16AH-A2 (0.0-1.0)	C16-A2	9/29/2016	12:16	Bio Pilot	PAJ	C16AH - A2	Cell 16	0.0	1.0	Comp	SOIL		
BPSB-160929-C16AH-A3 (0.0-1.0)	C16-A3	9/29/2016	12:13	Bio Pilot	PAJ	C16AH - A3	Cell 16	0.0	1.0	Comp	SOIL		
BPSB-160929-C16AH-A4 (0.0-1.0)	C16-A4	9/29/2016	12:10	Bio Pilot	PAJ	C16AH - A4	Cell 16	0.0	1.0	Comp	SOIL		
BPSB-160929-C16AH-B1 (0.0-1.0)	C16-B1	9/29/2016	12:20	Bio Pilot	PAJ	C16AH - B1	Cell 16	0.0	1.0	Comp	SOIL		
BPSB-160929-C16AH-B2 (0.0-1.0)	C16-B2	9/29/2016	12:17	Bio Pilot	PAJ	C16AH - B2	Cell 16	0.0	1.0	Comp	SOIL		
BPSB-160929-C16AH-B3 (0.0-1.0)	C16-B3	9/29/2016	12:14	Bio Pilot	PAJ	C16AH - B3	Cell 16	0.0	1.0	Comp	SOIL		
BPSB-160929-C16AH-B4 (0.0-1.0)	C16-B4	9/29/2016	12:11	Bio Pilot	PAJ	C16AH - B4	Cell 16	0.0	1.0	Comp	SOIL	DUP	
BPSB-161025-C24-A1 (0.0-1.5)	C24-A1	10/25/2016	14:26	Bio Pilot	PAH	C24 - A1	Cell 24	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C24-A2 (0.0-1.5)	C24-A2	10/25/2016	14:28	Bio Pilot	PAH	C24 - A2	Cell 24	0.0	1.5	Comp	SOIL	MS/MSD/DUP	Initial Bio Pilot sample
BPSB-161025-C24-A3 (0.0-1.5)	C24-A3	10/25/2016	14:30	Bio Pilot	PAH	C24 - A3	Cell 24	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C24-A4 (0.0-1.5)	C24-A4	10/25/2016	14:32	Bio Pilot	PAH	C24 - A4	Cell 24	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C24-B1 (0.0-1.5)	C24-B1	10/25/2016	14:31	Bio Pilot	PAH	C24 - B1	Cell 24	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C24-B2 (0.0-1.5)	C24-B2	10/25/2016	14:29	Bio Pilot	PAH	C24 - B2	Cell 24	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C24-B3 (0.0-1.5)	C24-B3	10/25/2016	14:27	Bio Pilot	PAH	C24 - B3	Cell 24	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C24-B4 (0.0-1.5)	C24-B4	10/25/2016	14:25	Bio Pilot	PAH	C24 - B4	Cell 24	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C26-A1 (0.0-1.5)	C26-A1	10/25/2016	14:02	Bio Pilot	PAH	C26 - A1	Cell 26	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C26-A2 (0.0-1.5)	C26-A2	10/25/2016	14:00	Bio Pilot	PAH	C26 - A2	Cell 26	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C26-A3 (0.0-1.5)	C26-A3	10/25/2016	13:58	Bio Pilot	PAH	C26 - A3	Cell 26	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C26-A4 (0.0-1.5)	C26-A4	10/25/2016	13:56	Bio Pilot	PAH	C26 - A4	Cell 26	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C26-B1 (0.0-1.5)	C26-B1	10/25/2016	14:01	Bio Pilot	PAH	C26 - B1	Cell 26	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C26-B2 (0.0-1.5)	C26-B2	10/25/2016	13:59	Bio Pilot	PAH	C26 - B2	Cell 26	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161025-C26-B3 (0.0-1.5)	C26-B3	10/25/2016	13:57	Bio Pilot	PAH	C26 - B3	Cell 26	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample

Sample ID	Quick Reference Name	Date	Time	Project	Work area (Example PAH)	Working Name	Sample Location Name (Ex PAHR007)	Top Depth (Surficial)	Bottom Depth (Surficial)	Sample Type	Matrix	QAQC (DUP / MS /MSD)	Description
BPSB-161025-C26-B4 (0.0-1.5)	C26-B4	10/25/2016	13:55	Bio Pilot	PAH	C26 - B4	Cell 26	0.0	1.5	Comp	SOIL		Initial Bio Pilot sample
BPSB-161026-C01-A2 (0.0-1.0)	C01-A2	10/26/2016	11:15	Bio Pilot	PAC	C01 - A2	Cell 01	0.0	1.0	Comp	SOIL		
BPSB-161026-C01-B3 (0.0-1.0)	C01-B3	10/26/2016	11:17	Bio Pilot	PAC	C01 - B3	Cell 01	0.0	1.0	Comp	SOIL		
BPSB-161026-C01-B6 (0.0-1.0)	C01-B6	10/26/2016	11:19	Bio Pilot	PAC	C01 - B6	Cell 01	0.0	1.0	Comp	SOIL		
BPSB-161026-C02-A3 (0.0-1.0)	C02-A3	10/26/2016	11:21	Bio Pilot	PAC	C02 - A3	Cell 02	0.0	1.0	Comp	SOIL		
BPSB-161026-C02-A4 (0.0-1.0)	C02-A4	10/26/2016	11:23	Bio Pilot	PAC	C02 - A4	Cell 02	0.0	1.0	Comp	SOIL		
BPSB-161026-C02-A5 (0.0-1.0)	C02-A5	10/26/2016	11:25	Bio Pilot	PAC	C02 - A5	Cell 02	0.0	1.0	Comp	SOIL	MS/MSD/DUP	
BPSB-161026-C03-A4 (0.0-1.0)	C03-A4	10/26/2016	11:27	Bio Pilot	PAC	C03 - A4	Cell 03	0.0	1.0	Comp	SOIL		
BPSB-161026-C03-A5 (0.0-1.0)	C03-A5	10/26/2016	11:29	Bio Pilot	PAC	C03 - A5	Cell 03	0.0	1.0	Comp	SOIL		
BPSB-161026-C03-A6 (0.0-1.0)	C03-A6	10/26/2016	11:31	Bio Pilot	PAC	C03 - A6	Cell 03	0.0	1.0	Comp	SOIL		
BPSB-161026-C04-A4 (0.0-1.0)	C04-A4	10/26/2016	11:33	Bio Pilot	PAC	C04 -A4	Cell 04	0.0	1.0	Comp	SOIL		
BPSB-161026-C04-B1 (0.0-1.0)	C04-B1	10/26/2016	11:35	Bio Pilot	PAC	C04 - B1	Cell 04	0.0	1.0	Comp	SOIL		
BPSB-161026-C04-B3 (0.0-1.0)	C04-B3	10/26/2016	11:37	Bio Pilot	PAC	C04 - B3	Cell 04	0.0	1.0	Comp	SOIL		

Notes:

C = Cell (Bio Pilot)

A1, A2, A3, ... B1, etc = Subcells within the cell

Comp = Composite sample (sample taken from multiple locations in a given area; i.e. a subcell)

Bio Pilot is short for biological remediation pilot study

QAQC = Quality assurance & quality control

D/MS/MSD = Duplicate / Matrix spike / Duplicate matrix spike

Table 3 (d)
Other Site Related Samples
 Summary of 2016 Site Investigation Activities
 Former DuPont Barksdale Works
 Ashland, Wisconsin
 BRRTS: 02-04-000156 / 02-04-550402

Sample ID	Quick Reference Name	Date	Time	Project	Work area (Example PAH)	Working Name	Sample location name (Ex PAHR007)	Top Depth (Surficial)	Bottom Depth (Surficial)	Sample Type	Matrix	QAQC (DUP / MS /MSD)	Analysis	Description
BWWS-1611-T1002	Waste Water	11/2/2016	13:45	Site Investigation	Various	Site filtered waste water	Various	N/A	N/A	Grab	Water	D/M/MD	Waste Characterization	Waste water from site activities including decon and purge from drilling activities
BPSF-161027-C09	Foliage / Leaves	10/27/2016	14:00	Bio Pilot	PAB	C09 Leaves	C09	0.0	0.0	Comp	Solid Organic	D/M/MD	NNOCs	Leaves collected from willow trees planted in C09
BPSB-161027-C09BG01	Root Sample	10/27/2016	14:50	Bio Pilot	PAB	C09 Bridal Veil	C09	0.5	1.0	Grab	Soil		NNOCs	"Bridal Veil" samples placed near root structure of willow trees
BPSB-161027-C09BG02	Root Sample	10/27/2016	14:55	Bio Pilot	PAB	C09 Bridal Veil	C09	0.5	1.0	Grab	Soil		NNOCs	"Bridal Veil" samples placed near root structure of willow trees
SW1016-SWB001	SWB001	10/27/2016	16:30	Site Investigation	UAC	SWB001	SWB001	0.0	1.0	Comp	Water		NNOCs + dissolved	Surface water sample taken at designated location marking surficial offsite water flow
SW1016-SWF001	SWF001	10/27/2016	16:55	Site Investigation	WAI	SWF001	SWF001	0.0	1.0	Comp	Water		NNOCs + dissolved	Surface water sample taken at designated location marking surficial offsite water flow
SW1016-SWI001	SWI001	10/27/2016	9:00	Site Investigation	UAR	SWI001	SWI001	0.0	1.0	Comp	Water	D/M/MD	NNOCs + dissolved	Surface water sample taken at designated location marking surficial offsite water flow
SW1016-SWK001	SWK001	10/27/2016	10:45	Site Investigation	UAO	SWK001	SWK001	0.0	1.0	Comp	Water		NNOCs + dissolved	Surface water sample taken at designated location marking surficial offsite water flow
BWSB-160628-PZ-57D (94-96)	PZ-57D	6/28/2016	14:30	Site Investigation	Bono Creek Rd	PZ-57D	PZ-57D	94.0	96.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160630-PZ-56D (5-9)	PZ-56D	6/30/2016	15:05	Site Investigation	Kranz	PZ-56D	PZ-56D	5.0	9.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160707-PZ-56D (26-28)	PZ-56D	7/7/2016	15:35	Site Investigation	Kranz	PZ-56D	PZ-56D	26.0	28.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160708-PZ-56D (52-55)	PZ-56D	7/8/2016	14:20	Site Investigation	Kranz	PZ-56D	PZ-56D	52.0	55.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160709-PZ-56D (67-69)	PZ-56D	7/9/2016	14:50	Site Investigation	Kranz	PZ-56D	PZ-56D	67.0	69.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160712-PZ-56D (94-96)	PZ-56D	7/12/2016	14:45	Site Investigation	Kranz	PZ-56D	PZ-56D	94.0	96.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160801-PZ56D Drilling Mud	PZ-56D	8/1/2016	15:10	Site Investigation	Kranz	PZ-56D	PZ-56D	0.0	100.0	Comp	Slurry		Waste Characterization	Sample of drilling waste mud/water/spoils from multiple drums
BWSB-160624-PZ-57D (4-6)	PZ-57D	6/24/2016	13:00	Site Investigation	Bono Creek Rd	PZ-57D	PZ-57D	4.0	6.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160624-PZ-57D (11-13)	PZ-57D	6/24/2016	13:05	Site Investigation	Bono Creek Rd	PZ-57D	PZ-57D	11.0	13.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160624-PZ-57D (19-21)	PZ-57D	6/24/2016	14:05	Site Investigation	Bono Creek Rd	PZ-57D	PZ-57D	19.0	21.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160627-PZ-57D (39-41)	PZ-57D	6/25/2016	10:05	Site Investigation	Bono Creek Rd	PZ-57D	PZ-57D	39.0	41.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160627-PZ-57D (52-54)	PZ-57D	6/25/2016	11:55	Site Investigation	Bono Creek Rd	PZ-57D	PZ-57D	52.0	54.0	Comp	Soil		DNX	Sample taken from soil core while drilling well
BWSB-160627-PZ-57D (66-68)	PZ-57D	6/25/2016	14:50	Site Investigation	Bono Creek Rd	PZ-57D	PZ-57D	66.0	68.0	Comp	Soil		DNX	Sample taken from soil core while drilling well

Notes:

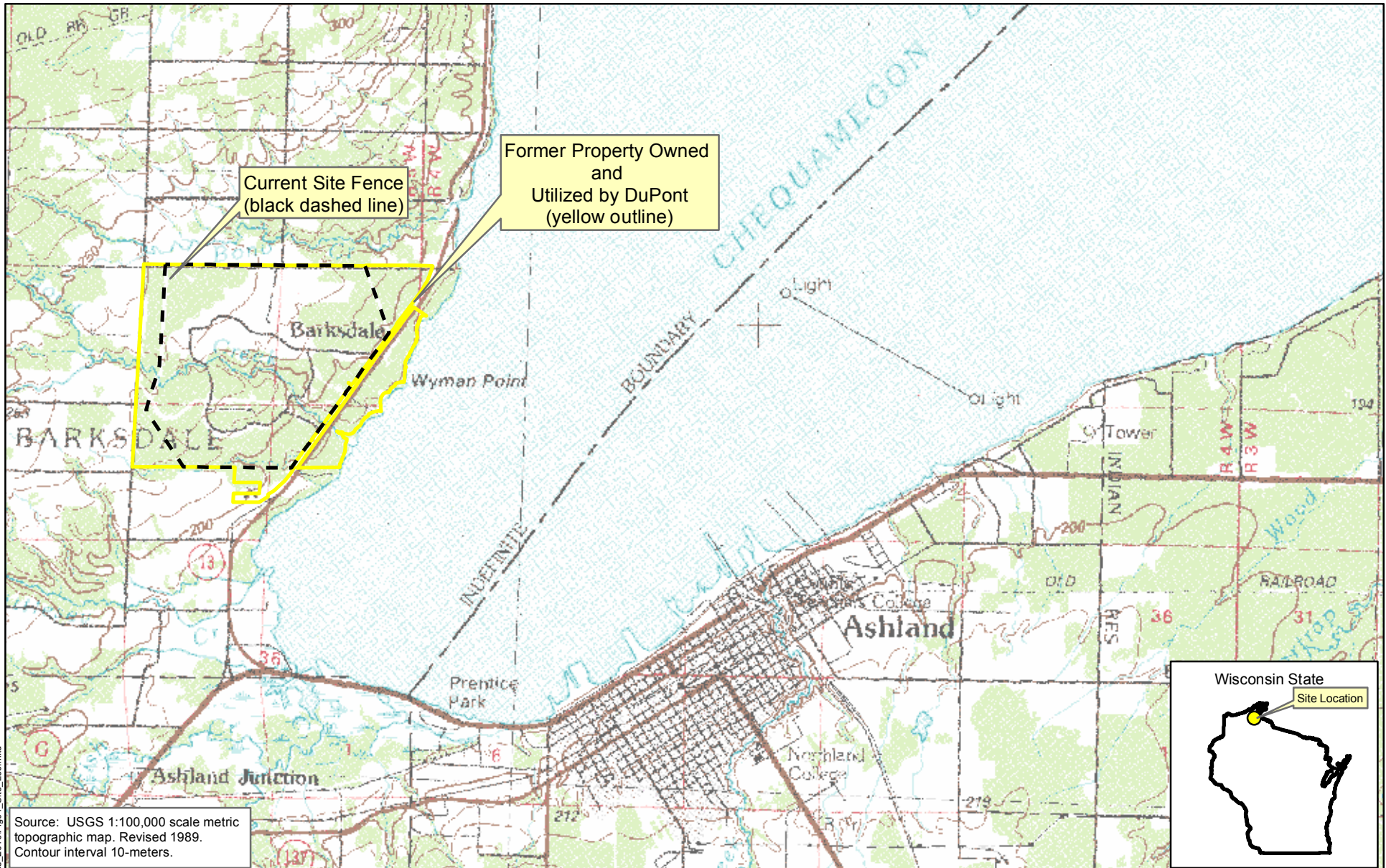
C= Cell (Bio Pilot)
 SW = Surface Water sample
 PZ = Piezometer
 Comp = Composite
 QAQC = Quality assurance & quality control
 D/MS/MSD = Duplicate / Matrix spike / Duplicate matrix spike
 NNOC = Site specific Nitra & Nitro organic compounds
 DNX = Dintiroxylenes

Table 4
Bio Pilot Historical Summary
 Summary of 2016 Site Investigation Activities
 Former DuPont Barksdale Works
 Ashland, Wisconsin
 BRRTS: 02-04-000156 / 02-04-550402

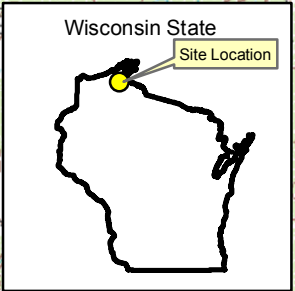
Bio Pilot Total Soils Table - 2016 (quantities shown in cubic yards)																												
Year	C01	C02	C03	C04	C05	C06	C07	C08	C09	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25	C26	C27	Total
2007	13.6	13.6	13.6	13.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54
2008	13.6	13.6	13.6	13.6	432.9	68.4	189.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	745
2009	13.6	13.6	13.6	13.6	432.9	68.4	189.4	115.4	229.2	392.5	244.4	157.5	369.4	189.4	468.5	---	---	---	---	---	---	---	---	---	---	---	---	2,911
2010	13.6	13.6	13.6	13.6	432.9	68.4	189.4	115.4	229.2	392.5	244.4	157.5	369.4	189.4	468.5	169.8	135.8	57.0	---	---	---	---	---	---	---	---	---	3,274
2011	13.6	13.6	13.6	13.6	432.9	68.4	189.4	115.4	229.2	392.5	244.4	157.5	369.4	189.4	468.5	169.8	135.8	57.0	---	---	---	---	---	---	---	---	---	3,274
2012	13.6	13.6	13.6	13.6	432.9	68.4	189.4	115.4	229.2	392.5	244.4	157.5	369.4	189.4	468.5	169.8	135.8	57.0	62.5	---	20.0	---	---	---	---	---	---	3,357
2013	13.6	13.6	13.6	13.6	432.9	68.4	189.4	115.4	229.2	392.5	244.4	157.5	369.4	189.4	468.5	169.8	133.8	57.0	106.5	76.0	41.1	0.5	8.0	---	---	---	---	3,504
2014	13.6	13.6	13.6	13.6	432.9	68.4	189.4	115.4	229.2	392.5	244.4	157.0	369.4	189.4	468.5	169.8	133.8	57.0	106.5	76.0	41.1	0.5	0.0	---	---	---	---	3,496
2015	13.6	13.6	13.6	13.6	432.9	68.4	189.4	115.4	229.2	392.5	244.4	300.0	369.4	189.4	468.5	176.8	133.8	57.0	106.5	76.0	41.1	0.5	0.0	450.0	250.0	---	---	4,346
2016	13.6	13.6	13.6	13.6	432.9	68.4	189.4	115.4	229.2	392.5	244.4	300.0	369.4	189.4	468.5	176.8	133.8	57.0	106.5	76.0	41.1	0.5	0.0	263.0	250.0	307.0	66.0	4,532

Note: Highlighted cells indicate lime addition

Note: Shaded cells have been "rested and/or seeded"

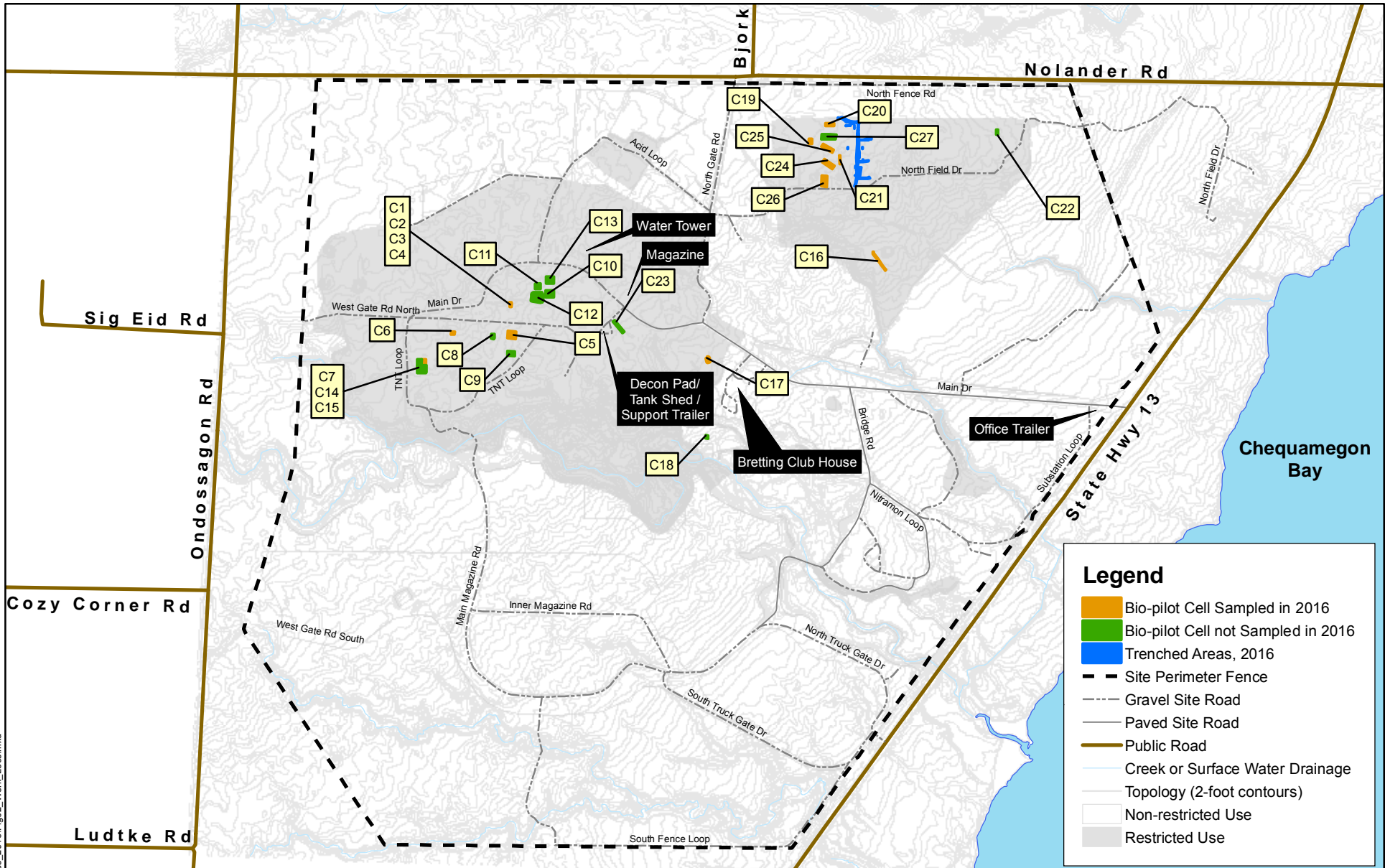


Source: USGS 1:100,000 scale metric topographic map. Revised 1989. Contour interval 10-meters.



O:\GIS\BAR_GIS\Map_Files\Site_Activities_2016\Fig01_Site_Loc.mxd

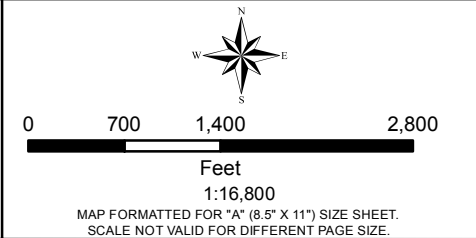
<p>Area Map (Optional)</p>	<p>0 0.5 1 2 Miles 1:63,360 MAP FORMATTED FOR "A" (8.5" X 11") SIZE SHEET. SCALE NOT VALID FOR DIFFERENT PAGE SIZE.</p>	<p>FILE NUMBER:</p> <hr/> <p>DESIGNED BY: NS</p> <hr/> <p>DRAWN BY: KJB</p> <hr/> <p>DATA QUALITY CHECK BY: NS</p>	<p>AECOM</p> <p>AECOM 500 West Jefferson Street Suite 1600 Louisville, Kentucky 40202</p>	<p>Regional Site Location</p> <p>Summary of 2016 Site Activities Former DuPont Barksdale Works Barksdale, Wisconsin 54806</p>	<p>PROJECT NUMBER: 60505619</p> <hr/> <p>DATE: July 2017</p> <hr/> <p>FIGURE NUMBER: 1</p>
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Legend

- Bio-pilot Cell Sampled in 2016
- Bio-pilot Cell not Sampled in 2016
- Trenched Areas, 2016
- Site Perimeter Fence
- Gravel Site Road
- Paved Site Road
- Public Road
- Creek or Surface Water Drainage
- Topology (2-foot contours)
- Non-restricted Use
- Restricted Use

Area Map (Optional)



FILE NUMBER:
DESIGNED BY: NS
DRAWN BY: KJB
DATA QUALITY CHECK BY: NS

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2016 Field Work Locations

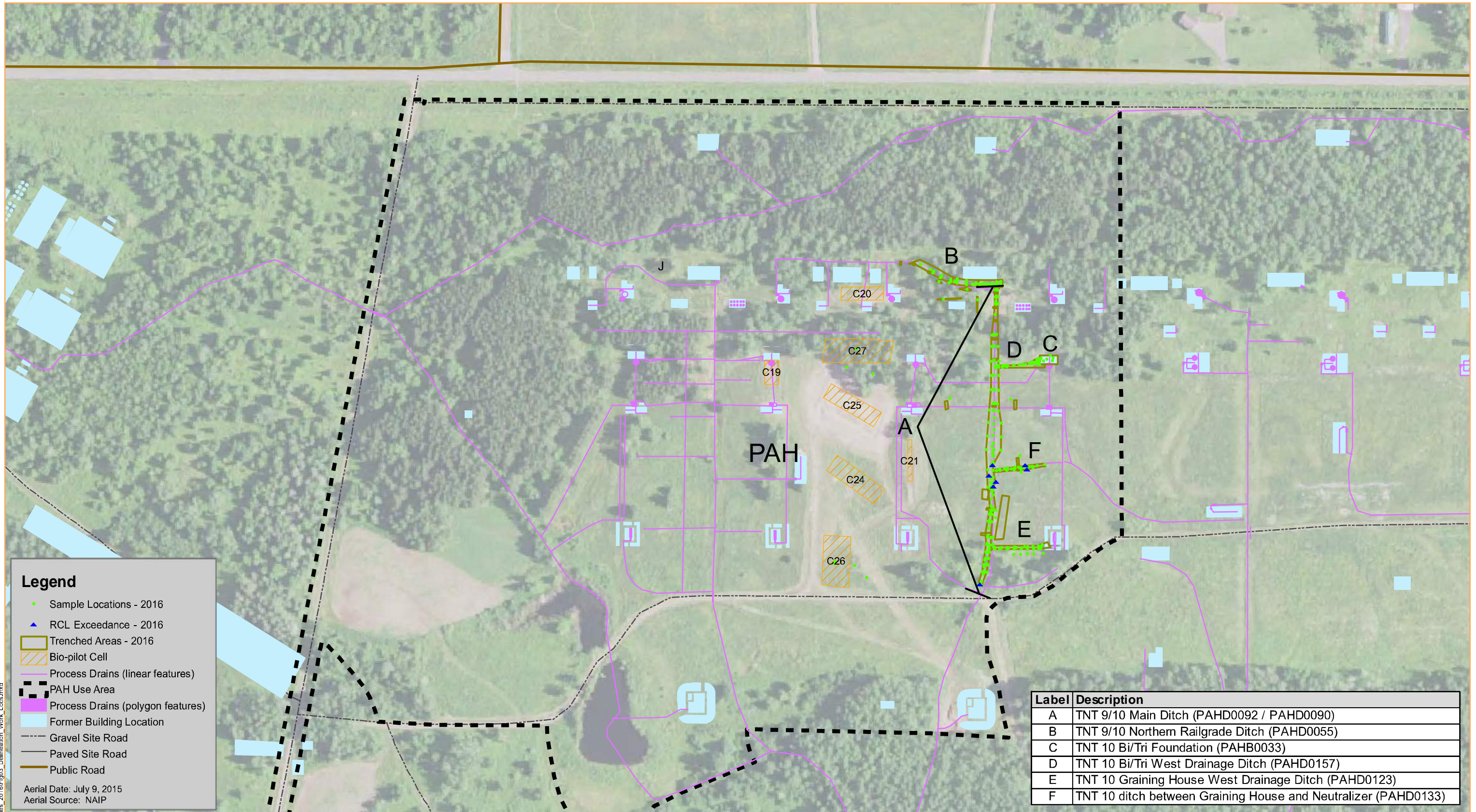
Summary of 2016 Site Activities
Former DuPont Barksdale Works
Barksdale, Wisconsin 54806

PROJECT NUMBER:
60505619

DATE:
July 2017

FIGURE NUMBER:
2

O:\GIS\BAR_GIS\Map_Files\Site_Activities_2016\Fig02_Work_Locs.mxd



Legend

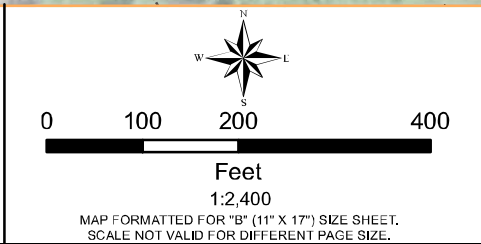
- Sample Locations - 2016
- ▲ RCL Exceedance - 2016
- ▭ Trenched Areas - 2016
- ▨ Bio-pilot Cell
- Process Drains (linear features)
- ▭ PAH Use Area
- ▭ Process Drains (polygon features)
- ▭ Former Building Location
- Gravel Site Road
- Paved Site Road
- Public Road

Aerial Date: July 9, 2015
Aerial Source: NAIP

Label	Description
A	TNT 9/10 Main Ditch (PAHD0092 / PAHD0090)
B	TNT 9/10 Northern Railgrade Ditch (PAHD0055)
C	TNT 10 Bi/Tri Foundation (PAHB0033)
D	TNT 10 Bi/Tri West Drainage Ditch (PAHD0157)
E	TNT 10 Graining House West Drainage Ditch (PAHD0123)
F	TNT 10 ditch between Graining House and Neutralizer (PAHD0133)

Notes:

Area Map (Optional)



FILE NUMBER:
DESIGNED BY: NS
DRAWN BY: KJB
DATA QUALITY CHECK BY: NS

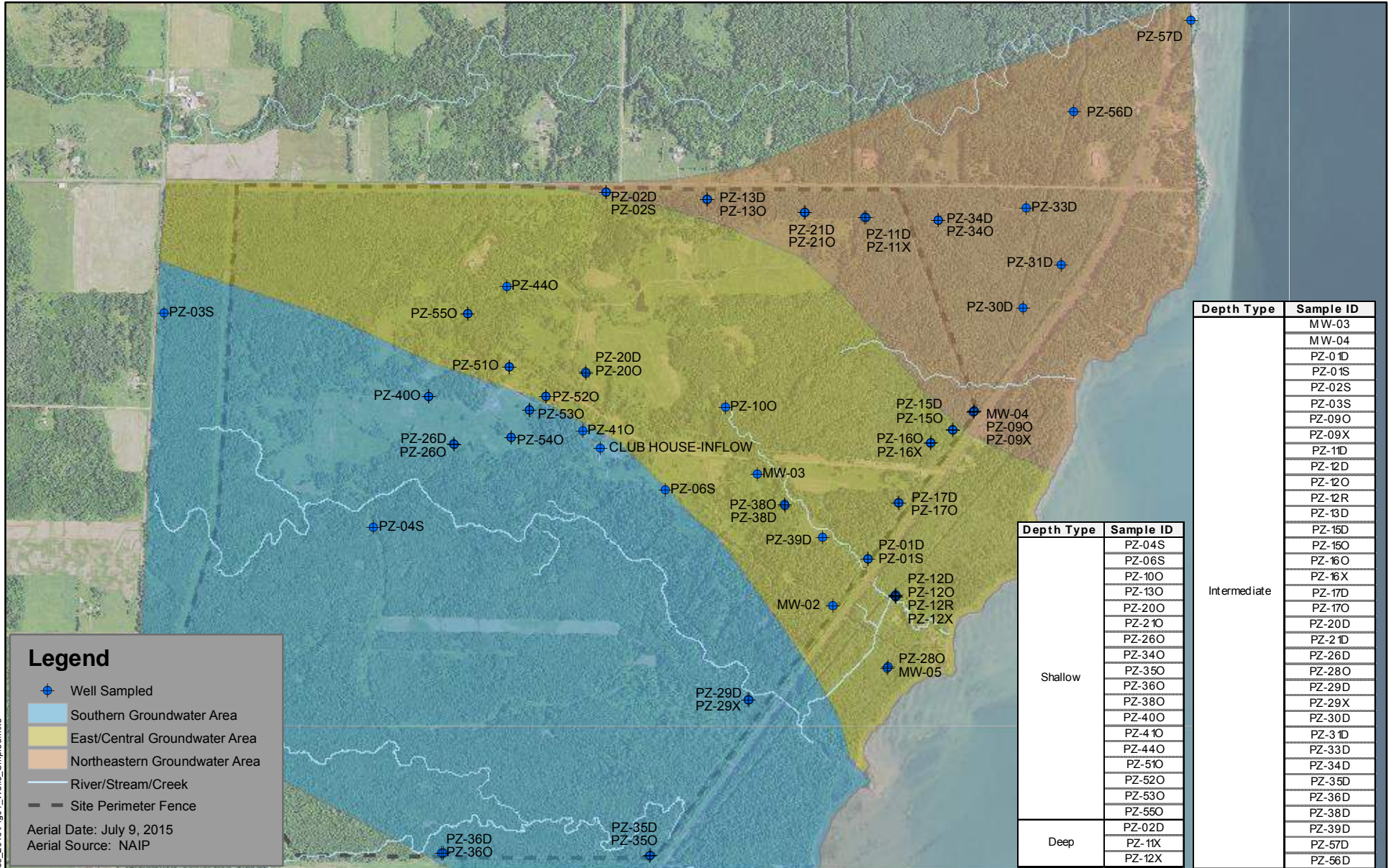
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Louisville, Kentucky 40202

2016 Delineation Field Work Locations

Summary of 2016 Site Activities
Former DuPont Barksdale Works
Barksdale, Wisconsin 54806

PROJECT NUMBER:
60505619
DATE:
July 2017
FIGURE NUMBER:
3

D:\GIS\BASF_CISMap_Files\Site_Activities_2016\Fig03_Delineation_Work_Loc.sxd



Legend

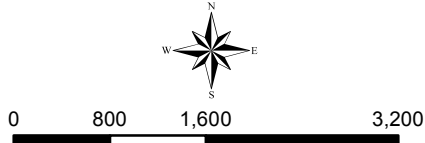
- Well Sampled
- Southern Groundwater Area
- East/Central Groundwater Area
- Northeastern Groundwater Area
- River/Stream/Creek
- Site Perimeter Fence

Aerial Date: July 9, 2015
 Aerial Source: NAIP

Depth Type	Sample ID
Intermediate	MW-03
	MW-04
	PZ-01D
	PZ-01S
	PZ-02S
	PZ-03S
	PZ-09O
	PZ-09X
	PZ-11D
	PZ-12D
	PZ-12O
	PZ-12R
	PZ-13D
	PZ-15D
	PZ-15O
	PZ-16O
	PZ-16X
	PZ-17D
	PZ-17O
	PZ-20D
	PZ-21D
	PZ-21O
	PZ-26D
	PZ-26O
	PZ-28O
	PZ-29D
	PZ-29X
	PZ-30D
PZ-31D	
PZ-33D	
PZ-34D	
PZ-35D	
PZ-36D	
PZ-38D	
PZ-39D	
PZ-57D	
PZ-56D	
PZ-02D	
PZ-02S	
PZ-13D	
PZ-13O	
PZ-21D	
PZ-21O	
PZ-11D	
PZ-11X	
PZ-34D	
PZ-34O	
PZ-30D	
PZ-44O	
PZ-55O	
PZ-03S	
PZ-51O	
PZ-20D	
PZ-20O	
PZ-40O	
PZ-52O	
PZ-53O	
PZ-41O	
CLUB HOUSE-INFLOW	
PZ-10O	
PZ-15D	
PZ-15O	
MW-04	
PZ-09O	
PZ-09X	
PZ-16O	
PZ-16X	
MW-03	
PZ-17D	
PZ-17O	
PZ-06S	
PZ-38O	
PZ-38D	
PZ-39D	
PZ-01D	
PZ-01S	
PZ-12D	
PZ-12O	
PZ-12R	
PZ-12X	
MW-02	
PZ-28O	
MW-05	
PZ-29D	
PZ-29X	
PZ-36D	
PZ-36O	
PZ-35D	
PZ-35O	

Depth Type	Sample ID	
Shallow	PZ-04S	
	PZ-06S	
	PZ-10O	
	PZ-13O	
	PZ-20O	
	PZ-21O	
	PZ-26O	
	PZ-34O	
	PZ-35O	
	PZ-36O	
	PZ-38O	
	PZ-40O	
	PZ-41O	
	PZ-44O	
	PZ-51O	
	PZ-52O	
	PZ-53O	
	PZ-55O	
	Deep	PZ-02D
		PZ-11X
PZ-12X		

Area Map (Optional)



Feet
 1:19,200
 MAP FORMATTED FOR "A" (8.5" X 11") SIZE SHEET.
 SCALE NOT VALID FOR DIFFERENT PAGE SIZE.

FILE NUMBER:
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 DRAWN BY: KJB
 DATA QUALITY CHECK BY: NS



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Groundwater Sampling Sites

Summary of 2016 Site Activities
 Former DuPont Barksdale Works
 Barksdale, Wisconsin 54806

PROJECT NUMBER:
 60505619

DATE:
 July 2017

FIGURE NUMBER:
 4



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November 30, 2016

Cary Pooler
AECOM
500 West Jefferson St, Ste 1600
Louisville, KY 40202

RE: DuPont Barksdale Explosives Plant - Barksdale, WI

Enclosed are the analytical results for the SITG samples received by the laboratory on 10/06/2016 through 10/26/2016.

The following result has changed from draft to final.

Sample ID	Description	Analyte	Draft Result	Final Result
N164403-30	SITG-161026-138X-0-1	2-Amino-4,6-dinitrotoluene	ND	800 ug/kg

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser For Nick Nigro

General Manager

Certification List	Number	Expires
DODELAP DOD ELAP Accreditation (A2LA)	3269.01	03/31/2018
ILEPA Illinois Secondary NELAP Accreditation	003174	04/30/2017
KDHE Kansas Secondary NELAP Accreditation	E-10384	04/30/2017
LELAP Louisiana Primary NELAP Accreditation	04165	06/30/2017
NJDEP New Jersey Secondary NELAP Accreditation	WI004	06/30/2017
ODEQ Oklahoma Dept. of Env. Quality Accreditation	2016-083	08/31/2017
PADEP Pennsylvania Secondary NELAP Accreditation	68-02962	05/31/2017
TCEQ Texas Secondary NELAP Accreditation	T104704504-15-6	11/30/2016
WADOE Washington Secondary NELAP Accreditation	C1028	05/01/2017
WDNR Wisconsin Certification under NR 149	113289110	08/31/2017



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITG-160928-042X-0-2.5	N164101-01	Soil	09/28/2016	10/06/2016
SITG-160928-043S-1-2	N164101-02	Soil	09/28/2016	10/06/2016
SITG-160928-043C-2-2.5	N164101-03	Soil	09/28/2016	10/06/2016
SITG-160928-043N-1-2	N164101-04	Soil	09/28/2016	10/06/2016
SITG-160928-043X-0-2.5	N164101-05	Soil	09/28/2016	10/06/2016
SITG-160928-044S-1-2	N164101-06	Soil	09/28/2016	10/06/2016
SITG-160928-044C-2-2.5	N164101-07	Soil	09/28/2016	10/06/2016
SITG-160928-044N-1-2	N164101-08	Soil	09/28/2016	10/06/2016
SITG-160928-044X-0-2.5	N164101-09	Soil	09/28/2016	10/06/2016
SITG-160923-038S-2-2.5	N164101-10	Soil	09/23/2016	10/06/2016
SITG-160923-038C-2-2.5	N164101-11	Soil	09/23/2016	10/06/2016
SITG-160923-039X-0-2	N164101-12	Soil	09/23/2016	10/06/2016
SITG-160923-040X-0-2	N164101-13	Soil	09/23/2016	10/06/2016
SITG-160924-041X-0-2	N164101-14	Soil	09/23/2016	10/06/2016
SITG-160915-025C-3.5-4	N164102-01	Soil	09/15/2016	10/06/2016
SITG-160915-025N-2-3	N164102-02	Soil	09/15/2016	10/06/2016
SITG-160915-025S-2-3	N164102-03	Soil	09/15/2016	10/06/2016
SITG-160915-025X-1-3.5	N164102-04	Soil	09/15/2016	10/06/2016
SITG-160915-031T-0-1	N164102-05	Soil	09/15/2016	10/06/2016
SITG-160915-026T-0-1	N164102-06	Soil	09/15/2016	10/06/2016
SITG-160915-027T-0-1	N164102-07	Soil	09/15/2016	10/06/2016
SITG-160915-028T-0-1	N164102-08	Soil	09/15/2016	10/06/2016
SITG-160915-029T-0-1	N164102-09	Soil	09/15/2016	10/06/2016
SITG-160915-030T-0-1	N164102-10	Soil	09/15/2016	10/06/2016
SITG-160922-032X-0-3	N164102-11	Soil	09/22/2016	10/06/2016
SITG-160922-033X-0-3	N164102-12	Soil	09/22/2016	10/06/2016
SITG-160922-034X-0-3	N164102-13	Soil	09/22/2016	10/06/2016
SITG-160922-035X-0-3	N164102-14	Soil	09/22/2016	10/06/2016
SITG-160923-036X-0-2.5	N164102-15	Soil	09/23/2016	10/06/2016
SITG-160923-036C-2-2.5	N164102-16	Soil	09/23/2016	10/06/2016
SITG-160923-036N-2-2.5	N164102-17	Soil	09/23/2016	10/06/2016



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 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITG-160923-036S-2-2.5	N164102-18	Soil	09/23/2016	10/06/2016
SITG-160923-037X-0-2.5	N164102-19	Soil	09/23/2016	10/06/2016
SITG-160923-037C-2-2.5	N164102-20	Soil	09/23/2016	10/06/2016
SITG-160923-037N-2-2.5	N164102-21	Soil	09/23/2016	10/06/2016
SITG-160923-037S-2-2.5	N164102-22	Soil	09/23/2016	10/06/2016
SITG-160923-038X-0-2.5	N164102-23	Soil	09/23/2016	10/06/2016
SITG-160923-038N-2-2.5	N164102-24	Soil	09/23/2016	10/06/2016
SITG-160915-025X-1-3.5-D	N164102-25	Soil	09/15/2016	10/06/2016
SITG-160923-038X-0-2.5-D	N164102-26	Soil	09/23/2016	10/06/2016
SITG-160929-045X	N164103-01	Soil	09/29/2016	10/06/2016
SITG-160929-046X	N164103-02	Soil	09/29/2016	10/06/2016
SITG-160929-046C	N164103-03	Soil	09/29/2016	10/06/2016
SITG-160929-046S	N164103-04	Soil	09/29/2016	10/06/2016
SITG-160929-046N	N164103-05	Soil	09/29/2016	10/06/2016
SITG-160929-047X	N164103-06	Soil	09/29/2016	10/06/2016
SITG-160929-047C	N164103-07	Soil	09/29/2016	10/06/2016
SITG-160929-047S	N164103-08	Soil	09/29/2016	10/06/2016
SITG-160929-047N	N164103-09	Soil	09/29/2016	10/06/2016
SITG-160929-048X	N164103-10	Soil	09/29/2016	10/06/2016
SITG-160929-048C	N164103-11	Soil	09/29/2016	10/06/2016
SITG-160929-048S	N164103-12	Soil	09/29/2016	10/06/2016
SITG-160929-048N	N164103-13	Soil	09/29/2016	10/06/2016
SITG-160929-049X	N164103-14	Soil	09/29/2016	10/06/2016
SITG-160929-049N	N164103-15	Soil	09/29/2016	10/06/2016
SITG-160929-049C	N164103-16	Soil	09/29/2016	10/06/2016
SITG-160929-050C	N164103-17	Soil	09/29/2016	10/06/2016
SITG-160929-050N	N164103-18	Soil	09/29/2016	10/06/2016
SITG-160929-051E	N164103-19	Soil	09/29/2016	10/06/2016
SITG-160929-051W	N164103-20	Soil	09/29/2016	10/06/2016
SITG-160929-051C	N164103-21	Soil	09/29/2016	10/06/2016
SITG-160929-052X	N164103-22	Soil	09/29/2016	10/06/2016



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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITG-160929-052C	N164103-23	Soil	09/29/2016	10/06/2016
SITG-160929-052E	N164103-24	Soil	09/29/2016	10/06/2016
SITG-160929-052W	N164103-25	Soil	09/29/2016	10/06/2016
SITG-160929-053X	N164103-26	Soil	09/29/2016	10/06/2016
SITG-160929-053C	N164103-27	Soil	09/29/2016	10/06/2016
SITG-160929-053E	N164103-28	Soil	09/29/2016	10/06/2016
SITG-160929-053W	N164103-29	Soil	09/29/2016	10/06/2016
SITG-160912-015S-3-3.5	N164104-01	Soil	09/12/2016	10/06/2016
SITG-160912-015N-3-3.5	N164104-02	Soil	09/12/2016	10/06/2016
SITG-160912-015C-4-4.5	N164104-03	Soil	09/12/2016	10/06/2016
SITG-160912-016S-3-3.5	N164104-04	Soil	09/12/2016	10/06/2016
SITG-160912-016N-3-3.5	N164104-05	Soil	09/12/2016	10/06/2016
SITG-160912-016C-4-4.5	N164104-06	Soil	09/12/2016	10/06/2016
SITG-160912-016X-1-4.5	N164104-07	Soil	09/12/2016	10/06/2016
SITG-160911-017X-1-3.5	N164104-08	Soil	09/11/2016	10/06/2016
SITG-160911-018X-0-1	N164104-09	Soil	09/11/2016	10/06/2016
SITG-160909-019X-1-3.5	N164104-10	Soil	09/09/2016	10/06/2016
SITG-160913-020X-1-4.5	N164104-11	Soil	09/13/2016	10/06/2016
SITG-160913-020C-4-4.5	N164104-12	Soil	09/13/2016	10/06/2016
SITG-160913-020N-3-3.5	N164104-13	Soil	09/13/2016	10/06/2016
SITG-160913-020S-3-3.5	N164104-14	Soil	09/13/2016	10/06/2016
SITG-160913-021X-1-4.5	N164104-15	Soil	09/13/2016	10/06/2016
SITG-160913-021E-3-3.5	N164104-16	Soil	09/13/2016	10/06/2016
SITG-160913-021S-3-3.5	N164104-17	Soil	09/13/2016	10/06/2016
SITG-160913-021C-4-4.5	N164104-18	Soil	09/13/2016	10/06/2016
SITG-160914-022X-2-3.5	N164104-19	Soil	09/14/2016	10/06/2016
SITG-160914-023X-2-3	N164104-20	Soil	09/14/2016	10/06/2016
SITG-160914-024C-3.5-4	N164104-21	Soil	09/14/2016	10/06/2016
SITG-160914-024N-2-3.5	N164104-22	Soil	09/14/2016	10/06/2016
SITG-160914-024S-2-3.5	N164104-23	Soil	09/14/2016	10/06/2016
SITG-160914-024X-2-3.5	N164104-24	Soil	09/14/2016	10/06/2016



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITG-160914-022X-2-3.5-D	N164104-25	Soil	09/14/2016	10/06/2016
SITG-160901-001X	N164105-01	Soil	09/01/2016	10/06/2016
SITG-160901-002X	N164105-02	Soil	09/01/2016	10/06/2016
SITG-160901-003X	N164105-03	Soil	09/01/2016	10/06/2016
SITG-160911-004X-1-2	N164105-04	Soil	09/11/2016	10/06/2016
SITG-160911-005X-1-4	N164105-05	Soil	09/11/2016	10/06/2016
SITG-160911-006X-1-4	N164105-06	Soil	09/11/2016	10/06/2016
SITG-160911-007X-1-4	N164105-07	Soil	09/11/2016	10/06/2016
SITG-160911-008X-1-4	N164105-08	Soil	09/11/2016	10/06/2016
SITG-160911-009X-1-4	N164105-09	Soil	09/11/2016	10/06/2016
SITG-160912-010X-1-3.5	N164105-10	Soil	09/12/2016	10/06/2016
SITG-160912-011X-1-8	N164105-11	Soil	09/12/2016	10/06/2016
SITG-160912-012X-1-3.5	N164105-12	Soil	09/12/2016	10/06/2016
SITG-160912-013S-2.5-3	N164105-13	Soil	09/12/2016	10/06/2016
SITG-160912-013N-2.5-3	N164105-14	Soil	09/12/2016	10/06/2016
SITG-160912-013C-3.5-4	N164105-15	Soil	09/12/2016	10/06/2016
SITG-160912-014S-3-3.5	N164105-16	Soil	09/12/2016	10/06/2016
SITG-160912-014N-3-3.5	N164105-17	Soil	09/12/2016	10/06/2016
SITG-160912-014C-4-4.5	N164105-18	Soil	09/12/2016	10/06/2016
SITG-161004-054X-0-4	N164201-01	Soil	10/04/2016	10/12/2016
SITG-161004-054C-4-4.5	N164201-02	Soil	10/04/2016	10/12/2016
SITG-161004-054E-3-3.5	N164201-03	Soil	10/04/2016	10/12/2016
SITG-161004-054W-3-3.5	N164201-04	Soil	10/04/2016	10/12/2016
SITG-161004-055X-0-4.5	N164201-05	Soil	10/04/2016	10/12/2016
SITG-161004-055X-0-4.5-D	N164201-06	Soil	10/04/2016	10/12/2016
SITG-161004-055C-4.5-5	N164201-07	Soil	10/04/2016	10/12/2016
SITG-161004-055E-3.5-4.5	N164201-08	Soil	10/04/2016	10/12/2016
SITG-161004-055W-3.5-4.5	N164201-09	Soil	10/04/2016	10/12/2016
SITG-161004-056X-0-4	N164201-10	Soil	10/04/2016	10/12/2016
SITG-161004-056C-4-4.5	N164201-11	Soil	10/04/2016	10/12/2016
SITG-161004-056E-3.5-4	N164201-12	Soil	10/04/2016	10/12/2016



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITG-161004-056W-3.5-4	N164201-13	Soil	10/04/2016	10/12/2016
SITG-161004-057X-0-4	N164201-14	Soil	10/04/2016	10/12/2016
SITG-161004-057C-4-4.5	N164201-15	Soil	10/04/2016	10/12/2016
SITG-161004-057E-3-4	N164201-16	Soil	10/04/2016	10/12/2016
SITG-161004-057W-3-4	N164201-17	Soil	10/04/2016	10/12/2016
SITG-161004-058X-0-4	N164201-18	Soil	10/04/2016	10/12/2016
SITG-161004-058X-0-4-D	N164201-19	Soil	10/04/2016	10/12/2016
SITG-161004-058C-4-4.5	N164201-20	Soil	10/04/2016	10/12/2016
SITG-161004-058E-3-4	N164201-21	Soil	10/04/2016	10/12/2016
SITG-161004-058W-3-4	N164201-22	Soil	10/04/2016	10/12/2016
SITG-161004-059X-0-4	N164201-23	Soil	10/04/2016	10/12/2016
SITG-161004-059C-4-4.5	N164201-24	Soil	10/04/2016	10/12/2016
SITG-161004-059E-3-4.5	N164201-25	Soil	10/04/2016	10/12/2016
SITG-161004-059W-3-4.5	N164201-26	Soil	10/04/2016	10/12/2016
SITG-161005-060T-0-0.5	N164201-27	Soil	10/05/2016	10/12/2016
SITG-161005-061T-0-0.5	N164201-28	Soil	10/05/2016	10/12/2016
SITG-161005-062T-0-0.5	N164201-29	Soil	10/05/2016	10/12/2016
SITG-161005-063T-0-0.5	N164201-30	Soil	10/05/2016	10/12/2016
SITG-161005-064T-0-0.5	N164201-31	Soil	10/05/2016	10/12/2016
SITG-161005-065T-0-0.5	N164201-32	Soil	10/05/2016	10/12/2016
SITG-161005-066T-0-0.5	N164201-33	Soil	10/05/2016	10/12/2016
SITG-161005-067T-0-0.5	N164201-34	Soil	10/05/2016	10/12/2016
SITG-161005-068X-0-0.5	N164201-35	Soil	10/05/2016	10/12/2016
SITG-161005-069X-0-0.5	N164201-36	Soil	10/05/2016	10/12/2016
SITG-161005-070X-0-5	N164201-37	Soil	10/05/2016	10/12/2016
SITG-161005-070C-4.5-5	N164201-38	Soil	10/05/2016	10/12/2016
SITG-161005-070E-3-4	N164201-39	Soil	10/05/2016	10/12/2016
SITG-161005-070W-3-4	N164201-40	Soil	10/05/2016	10/12/2016
SITG-161005-071X-0-5	N164201-41	Soil	10/05/2016	10/12/2016
SITG-161005-071C-4.5-5	N164201-42	Soil	10/05/2016	10/12/2016
SITG-161005-071E-3.5-4.5	N164201-43	Soil	10/05/2016	10/12/2016



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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITG-161005-071W-3.5-4.5	N164201-44	Soil	10/05/2016	10/12/2016
SITG-161005-072X-0-5	N164201-45	Soil	10/05/2016	10/12/2016
SITG-161005-072X-0-5-D	N164201-46	Soil	10/05/2016	10/12/2016
SITG-161005-072C-4.5-5	N164201-47	Soil	10/05/2016	10/12/2016
SITG-161005-072E-3.5-4.5	N164201-48	Soil	10/05/2016	10/12/2016
SITG-161005-072W-3.5-4.5	N164201-49	Soil	10/05/2016	10/12/2016
SITG-161005-073X-0-5	N164201-50	Soil	10/05/2016	10/12/2016
SITG-161005-073C-4.5-5	N164201-51	Soil	10/05/2016	10/12/2016
SITG-161005-073E-3.5-4.5	N164201-52	Soil	10/05/2016	10/12/2016
SITG-161005-073W-3.5-4.5	N164201-53	Soil	10/05/2016	10/12/2016
SITG-161006-074X-7-9	N164201-54	Soil	10/06/2016	10/12/2016
SITG-161006-075T-0-0.5	N164201-55	Soil	10/06/2016	10/12/2016
SITG-161006-076T-0-0.5	N164201-56	Soil	10/06/2016	10/12/2016
SITG-161006-077T-0-0.5	N164201-57	Soil	10/06/2016	10/12/2016
SITG-161006-078T-0-0.5	N164201-58	Soil	10/06/2016	10/12/2016
SITG-161008-080X-0-5	N164201-59	Soil	10/08/2016	10/12/2016
SITG-161008-080X-0-5-D	N164201-60	Soil	10/08/2016	10/12/2016
SITG-161008-081X-0-7	N164201-61	Soil	10/08/2016	10/12/2016
SITG-161008-082X-2-5	N164201-62	Soil	10/08/2016	10/12/2016
SITG-161008-083X-0-7	N164201-63	Soil	10/08/2016	10/12/2016
SITG-161008-084X-0-8	N164201-64	Soil	10/08/2016	10/12/2016
SITG-161008-085X-0-8	N164201-65	Soil	10/08/2016	10/12/2016
SITG-161008-086X-0-8	N164201-66	Soil	10/08/2016	10/12/2016
SITG-161008-087X-0-10	N164201-67	Soil	10/08/2016	10/12/2016
SITG-161008-088X-1-6	N164201-68	Soil	10/08/2016	10/12/2016
SITG-161008-088C-6-6.5	N164201-69	Soil	10/08/2016	10/12/2016
SITG-161008-088E-4-6	N164201-70	Soil	10/08/2016	10/12/2016
SITG-161008-088W-4-6	N164201-71	Soil	10/08/2016	10/12/2016
SITG-161008-089E-4-6	N164201-72	Soil	10/08/2016	10/12/2016
SITG-161008-089E-4-6-D	N164201-73	Soil	10/08/2016	10/12/2016
SITG-161008-089C-1-6	N164201-74	Soil	10/08/2016	10/12/2016



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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITG-161008-089W-4-6	N164201-75	Soil	10/08/2016	10/12/2016
SITG-161008-089X-1-6	N164201-76	Soil	10/08/2016	10/12/2016
SITG-161011-090X-0-5	N164301-01	Soil	10/11/2016	10/18/2016
SITG-161011-090C-5	N164301-02	Soil	10/11/2016	10/18/2016
SITG-161011-090E-3-4	N164301-03	Soil	10/11/2016	10/18/2016
SITG-161011-090W-3-4	N164301-04	Soil	10/11/2016	10/18/2016
SITG-161011-091X-0-6	N164301-05	Soil	10/11/2016	10/18/2016
SITG-161011-091C-6	N164301-06	Soil	10/11/2016	10/18/2016
SITG-161011-091E-3.5-4	N164301-07	Soil	10/11/2016	10/18/2016
SITG-161011-091W-3.5-4	N164301-08	Soil	10/11/2016	10/18/2016
SITG-161011-092X-0-7	N164301-09	Soil	10/11/2016	10/18/2016
SITG-161011-092C-7	N164301-10	Soil	10/11/2016	10/18/2016
SITG-161011-092E-3.5-4	N164301-11	Soil	10/11/2016	10/18/2016
SITG-161011-092E-3.5-4-D	N164301-12	Soil	10/11/2016	10/18/2016
SITG-161011-092W-3.5-4	N164301-13	Soil	10/11/2016	10/18/2016
SITG-161011-093X-0-7	N164301-14	Soil	10/11/2016	10/18/2016
SITG-161011-093C-7	N164301-15	Soil	10/11/2016	10/18/2016
SITG-161011-093W-4-4.5	N164301-16	Soil	10/11/2016	10/18/2016
SITG-161011-093E-4-4.5	N164301-17	Soil	10/11/2016	10/18/2016
SITG-161011-094X-0-7	N164301-18	Soil	10/11/2016	10/18/2016
SITG-161011-094C-7	N164301-19	Soil	10/11/2016	10/18/2016
SITG-161011-094E-4-4.5	N164301-20	Soil	10/11/2016	10/18/2016
SITG-161011-094W-4-4.5	N164301-21	Soil	10/11/2016	10/18/2016
SITG-161011-095X-2-7	N164301-22	Soil	10/11/2016	10/18/2016
SITG-161011-095C-6.5-7	N164301-23	Soil	10/11/2016	10/18/2016
SITG-161011-095W-4-6	N164301-24	Soil	10/11/2016	10/18/2016
SITG-161011-095E-4-6	N164301-25	Soil	10/11/2016	10/18/2016
SITG-161011-095E-4-6-D	N164301-26	Soil	10/11/2016	10/18/2016
SITG-161011-079X-0-5	N164301-27	Soil	10/11/2016	10/18/2016
SITG-161020-096X-7-8	N164303-01	Soil	10/20/2016	10/22/2016
SITG-161020-097X-6-7	N164303-02	Soil	10/20/2016	10/22/2016



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SITG-161020-098X-6-7	N164303-03	Soil	10/20/2016	10/22/2016
SITG-161020-099X-6-7	N164303-04	Soil	10/20/2016	10/22/2016
SITG-161020-100X-6-7	N164303-05	Soil	10/20/2016	10/22/2016
SITG-161020-101X-0-6	N164303-06	Soil	10/20/2016	10/22/2016
SITG-161020-101C-5-6	N164303-07	Soil	10/20/2016	10/22/2016
SITG-161020-101W-4-5	N164303-08	Soil	10/20/2016	10/22/2016
SITG-161020-101E-4-5	N164303-09	Soil	10/20/2016	10/22/2016
SITG-161020-097X-6-7-D	N164303-10	Soil	10/20/2016	10/22/2016
SITG-161020-102X-0-6	N164303-11	Soil	10/20/2016	10/22/2016
SITG-161020-102C-5-6	N164303-12	Soil	10/20/2016	10/22/2016
SITG-161020-102W-4-5	N164303-13	Soil	10/20/2016	10/22/2016
SITG-161020-102E-4-5	N164303-14	Soil	10/20/2016	10/22/2016
SITG-161020-103X-0-6	N164303-15	Soil	10/20/2016	10/22/2016
SITG-161020-103C-5-6	N164303-16	Soil	10/20/2016	10/22/2016
SITG-161020-103W-4-5	N164303-17	Soil	10/20/2016	10/22/2016
SITG-161020-103E-4-5	N164303-18	Soil	10/20/2016	10/22/2016
SITG-161020-102W-4-5-D	N164303-19	Soil	10/20/2016	10/22/2016
SITG-161021-104X-3.5-5.5	N164303-20	Soil	10/21/2016	10/22/2016
SITG-161021-105X-2-7	N164303-21	Soil	10/21/2016	10/22/2016
SITG-161021-105C-6-7	N164303-22	Soil	10/21/2016	10/22/2016
SITG-161021-105E-4-5	N164303-23	Soil	10/21/2016	10/22/2016
SITG-161021-105W-4-5	N164303-24	Soil	10/21/2016	10/22/2016
SITG-161021-106X-2-7	N164303-25	Soil	10/21/2016	10/22/2016
SITG-161021-106C-6-7	N164303-26	Soil	10/21/2016	10/22/2016
SITG-161021-106E-4-5	N164303-27	Soil	10/21/2016	10/22/2016
SITG-161021-106W-4-5	N164303-28	Soil	10/21/2016	10/22/2016
SITG-161021-107X-0-0.5	N164303-29	Soil	10/21/2016	10/22/2016
SITG-161021-108X-0-0.5	N164303-30	Soil	10/21/2016	10/22/2016
SITG-161021-109X-0-0.5	N164303-31	Soil	10/21/2016	10/22/2016
SITG-161021-110X-2.5-5.5	N164303-32	Soil	10/21/2016	10/22/2016
SITG-161021-107X-0-0.5-D	N164303-33	Soil	10/21/2016	10/22/2016



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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITG-161022-111X-7-8	N164401-01	Soil	10/22/2016	10/24/2016
SITG-161022-111C-7-8	N164401-02	Soil	10/22/2016	10/24/2016
SITG-161022-111N-4-5	N164401-03	Soil	10/22/2016	10/24/2016
SITG-161022-111S-4-5	N164401-04	Soil	10/22/2016	10/24/2016
SITG-161022-112X-0-5	N164401-05	Soil	10/22/2016	10/24/2016
SITG-161022-112C-5-6	N164401-06	Soil	10/22/2016	10/24/2016
SITG-161022-112N-4-5	N164401-07	Soil	10/22/2016	10/24/2016
SITG-161022-112S-4-5	N164401-08	Soil	10/22/2016	10/24/2016
SITG-161022-112S-4-5-D	N164401-09	Soil	10/22/2016	10/24/2016
SITG-161022-113X-0-5	N164401-10	Soil	10/22/2016	10/24/2016
SITG-161022-113C-4-5	N164401-11	Soil	10/22/2016	10/24/2016
SITG-161022-113N-3-4	N164401-12	Soil	10/22/2016	10/24/2016
SITG-161022-113S-3-4	N164401-13	Soil	10/22/2016	10/24/2016
SITG-161022-114X-0-5	N164401-14	Soil	10/22/2016	10/24/2016
SITG-161022-114C-4-5	N164401-15	Soil	10/22/2016	10/24/2016
SITG-161022-114N-3-4	N164401-16	Soil	10/22/2016	10/24/2016
SITG-161022-114S-3-4	N164401-17	Soil	10/22/2016	10/24/2016
SITG-161022-115X-0-5	N164401-18	Soil	10/22/2016	10/24/2016
SITG-161022-115X-0-5-D	N164401-19	Soil	10/22/2016	10/24/2016
SITG-161022-115C-4-5	N164401-20	Soil	10/22/2016	10/24/2016
SITG-161022-115N-3-4	N164401-21	Soil	10/22/2016	10/24/2016
SITG-161022-115S-3-4	N164401-22	Soil	10/22/2016	10/24/2016
SITG-161022-116X-0-8	N164401-23	Soil	10/22/2016	10/24/2016
SITG-161022-117X-0-7	N164401-24	Soil	10/22/2016	10/24/2016
SITG-161022-118X-0-6	N164401-25	Soil	10/22/2016	10/24/2016
SITG-161022-119X-0-6	N164401-26	Soil	10/22/2016	10/24/2016
SITG-161022-120X-0-6	N164401-27	Soil	10/22/2016	10/24/2016
SITG-161022-121X-3-3.5	N164401-28	Soil	10/22/2016	10/24/2016
SITG-161024-122X-0-5	N164402-01	Soil	10/24/2016	10/25/2016
SITG-161024-122C-4-5	N164402-02	Soil	10/24/2016	10/25/2016
SITG-161024-122N-4-5	N164402-03	Soil	10/24/2016	10/25/2016



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SITG-161024-122S-4-5	N164402-04	Soil	10/24/2016	10/25/2016
SITG-161024-123X-0-5	N164402-05	Soil	10/24/2016	10/25/2016
SITG-161024-123C-4-5	N164402-06	Soil	10/24/2016	10/25/2016
SITG-161024-123N-4-5	N164402-07	Soil	10/24/2016	10/25/2016
SITG-161024-123S-4-5	N164402-08	Soil	10/24/2016	10/25/2016
SITG-161024-123X-0-5-D	N164402-09	Soil	10/24/2016	10/25/2016
SITG-161024-124X-0-5	N164402-10	Soil	10/24/2016	10/25/2016
SITG-161024-124C-4-5	N164402-11	Soil	10/24/2016	10/25/2016
SITG-161024-124N-4-5	N164402-12	Soil	10/24/2016	10/25/2016
SITG-161024-124S-4-5	N164402-13	Soil	10/24/2016	10/25/2016
SITG-161024-125X-0-5	N164402-14	Soil	10/24/2016	10/25/2016
SITG-161024-125C-4-5	N164402-15	Soil	10/24/2016	10/25/2016
SITG-161024-125N-4-5	N164402-16	Soil	10/24/2016	10/25/2016
SITG-161024-125S-4-5	N164402-17	Soil	10/24/2016	10/25/2016
SITG-161024-126X-0-5	N164402-18	Soil	10/24/2016	10/25/2016
SITG-161024-126C-4-5	N164402-19	Soil	10/24/2016	10/25/2016
SITG-161024-126W-3-4	N164402-20	Soil	10/24/2016	10/25/2016
SITG-161024-126E-3-4	N164402-21	Soil	10/24/2016	10/25/2016
SITG-161024-127X-7-8	N164402-22	Soil	10/24/2016	10/25/2016
SITG-161024-127C-7-8	N164402-23	Soil	10/24/2016	10/25/2016
SITG-161024-127N-5-6	N164402-24	Soil	10/24/2016	10/25/2016
SITG-161024-127S-5-6	N164402-25	Soil	10/24/2016	10/25/2016
SITG-161026-128X-0-6	N164403-01	Soil	10/26/2016	10/26/2016
SITG-161026-128C-5-6	N164403-02	Soil	10/26/2016	10/26/2016
SITG-161026-128N-3-4	N164403-03	Soil	10/26/2016	10/26/2016
SITG-161026-128S-3-4	N164403-04	Soil	10/26/2016	10/26/2016
SITG-161026-129X-0-6	N164403-05	Soil	10/26/2016	10/26/2016
SITG-161026-129C-5-6	N164403-06	Soil	10/26/2016	10/26/2016
SITG-161026-129N-3-4	N164403-07	Soil	10/26/2016	10/26/2016
SITG-161026-129S-3-4	N164403-08	Soil	10/26/2016	10/26/2016
SITG-161026-129S-3-4-D	N164403-09	Soil	10/26/2016	10/26/2016



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SITG-161026-130X-0-4	N164403-10	Soil	10/26/2016	10/26/2016
SITG-161026-130C-3-5-4	N164403-11	Soil	10/26/2016	10/26/2016
SITG-161026-130N-3-3-5	N164403-12	Soil	10/26/2016	10/26/2016
SITG-161026-130S-3-3-5	N164403-13	Soil	10/26/2016	10/26/2016
SITG-161026-131X-0-5	N164403-14	Soil	10/26/2016	10/26/2016
SITG-161026-131C-4-5	N164403-15	Soil	10/26/2016	10/26/2016
SITG-161026-131N-2-5-3	N164403-16	Soil	10/26/2016	10/26/2016
SITG-161026-131S-2-5-3	N164403-17	Soil	10/26/2016	10/26/2016
SITG-161026-132X-0-2-5	N164403-18	Soil	10/26/2016	10/26/2016
SITG-161026-132C-2-2-5	N164403-19	Soil	10/26/2016	10/26/2016
SITG-161026-132N-1-2	N164403-20	Soil	10/26/2016	10/26/2016
SITG-161026-132S-1-2	N164403-21	Soil	10/26/2016	10/26/2016
SITG-161026-133X-0-6	N164403-22	Soil	10/26/2016	10/26/2016
SITG-161026-133C-5-6	N164403-23	Soil	10/26/2016	10/26/2016
SITG-161026-133N-3-4	N164403-24	Soil	10/26/2016	10/26/2016
SITG-161026-133S-3-4	N164403-25	Soil	10/26/2016	10/26/2016
SITG-161026-134X-0-3	N164403-26	Soil	10/26/2016	10/26/2016
SITG-161026-135X-0-2	N164403-27	Soil	10/26/2016	10/26/2016
SITG-161026-136X-0-2	N164403-28	Soil	10/26/2016	10/26/2016
SITG-161026-137X-0-2	N164403-29	Soil	10/26/2016	10/26/2016
SITG-161026-138X-0-1	N164403-30	Soil	10/26/2016	10/26/2016
SITG-161026-139X-TS	N164404-01	Soil	10/26/2016	10/26/2016
SITG-161026-140X-TS	N164404-02	Soil	10/26/2016	10/26/2016
SITG-161026-141X-TS	N164404-03	Soil	10/26/2016	10/26/2016
SITG-161026-142X-TS	N164404-04	Soil	10/26/2016	10/26/2016
SITG-161026-143X-TS	N164404-05	Soil	10/26/2016	10/26/2016
SITG-161026-144X-TS	N164404-06	Soil	10/26/2016	10/26/2016
SITG-161026-145X-TS	N164404-07	Soil	10/26/2016	10/26/2016
SITG-161026-146X-TS	N164404-08	Soil	10/26/2016	10/26/2016
SITG-161026-147X-TS	N164404-09	Soil	10/26/2016	10/26/2016
SITG-161026-147X-TS-D	N164404-10	Soil	10/26/2016	10/26/2016



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SITG-161026-148X-TS	N164404-11	Soil	10/26/2016	10/26/2016
SITG-161026-149X-TS	N164404-12	Soil	10/26/2016	10/26/2016
SITG-161026-150X-TS	N164404-13	Soil	10/26/2016	10/26/2016
SITG-161026-151X-TS	N164404-14	Soil	10/26/2016	10/26/2016
SITG-161026-152X-TS	N164404-15	Soil	10/26/2016	10/26/2016
SITG-161026-153X-TS	N164404-16	Soil	10/26/2016	10/26/2016
SITG-161026-154X-TS	N164404-17	Soil	10/26/2016	10/26/2016
SITG-161026-155X-TS	N164404-18	Soil	10/26/2016	10/26/2016
SITG-161026-156X-TS	N164404-19	Soil	10/26/2016	10/26/2016
SITG-161026-157X-TS	N164404-20	Soil	10/26/2016	10/26/2016
SITG-161026-158X-TS	N164404-21	Soil	10/26/2016	10/26/2016
SITG-161026-159X-TS	N164404-22	Soil	10/26/2016	10/26/2016
SITG-161026-160X-TS	N164404-23	Soil	10/26/2016	10/26/2016
SITG-161026-161X-TS	N164404-24	Soil	10/26/2016	10/26/2016
SITG-161026-162X-TS	N164404-25	Soil	10/26/2016	10/26/2016
SITG-161026-163X-TS	N164404-26	Soil	10/26/2016	10/26/2016
SITG-161026-163X-TS-D	N164404-27	Soil	10/26/2016	10/26/2016
SITG-161026-164X-TS	N164404-28	Soil	10/26/2016	10/26/2016
SITG-161026-165X-TS	N164404-29	Soil	10/26/2016	10/26/2016
SITG-161026-166X-TS	N164404-30	Soil	10/26/2016	10/26/2016
SITG-161026-167X-TS	N164404-31	Soil	10/26/2016	10/26/2016
SITG-161026-168X-TS	N164404-32	Soil	10/26/2016	10/26/2016
SITG-161026-169X-TS	N164404-33	Soil	10/26/2016	10/26/2016
SITG-161026-170X-TS	N164404-34	Soil	10/26/2016	10/26/2016



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160928-042X-0-2.5

Date Sampled

N164101-01 (Soil)

09/28/2016 15:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
2,4,6-Trinitrotoluene	54000	2100	ug/kg dry	10	10/07/2016	10/10/2016 22:48	EPA 8270D	D
2,4-Dinitrotoluene	7200	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
2,6-Dinitrotoluene	400	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
2-Amino-4,6-dinitrotoluene	1000	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
2-Nitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
3-Nitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
4-Amino-2,6-dinitrotoluene	1000	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
4-Nitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	250	210	ug/kg dry	1	10/07/2016	10/07/2016 22:15	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

101 % 48.3-152

10/07/2016 10/07/2016 22:15

EPA 8270D

Surrogate: Nitrobenzene-d5

95.1 % 72-126

10/07/2016 10/07/2016 22:15

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	97.4	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160928-043S-1-2

Date Sampled
09/28/2016 15:35

N164101-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 22:42	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 73.8 % 48.3-152 10/07/2016 10/07/2016 22:42 EPA 8270D

Surrogate: Nitrobenzene-d5 97.6 % 72-126 10/07/2016 10/07/2016 22:42 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	99.0	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160928-043C-2-2.5

N164101-03 (Soil)

Date Sampled
09/28/2016 15:39

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
2,4,6-Trinitrotoluene	3800	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
2-Amino-4,6-dinitrotoluene	270	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	310	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/07/2016 23:09	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		85.8 %		48.3-152	10/07/2016	10/07/2016 23:09	EPA 8270D	
Surrogate: Nitrobenzene-d5		92.6 %		72-126	10/07/2016	10/07/2016 23:09	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	99.0	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160928-043N-1-2
N164101-04 (Soil)

Date Sampled
09/28/2016 15:43

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:31	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

69.0 % 48.3-152

10/07/2016 10/08/2016 00:31

EPA 8270D

Surrogate: Nitrobenzene-d5

94.5 % 72-126

10/07/2016 10/08/2016 00:31

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	98.5	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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500 West Jefferson St, Ste 1600
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160928-043X-0-2.5

N164101-05 (Soil)

Date Sampled
09/28/2016 15:47

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 00:59	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

70.9 % 48.3-152

10/07/2016

10/08/2016 00:59

EPA 8270D

Surrogate: Nitrobenzene-d5

95.3 % 72-126

10/07/2016

10/08/2016 00:59

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	98.4	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160928-044S-1-2

Date Sampled
09/28/2016 15:52

N164101-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
2,4,6-Trinitrotoluene	2500	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
2,4-Dinitrotoluene	300	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:26	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

83.5 % 48.3-152

10/07/2016 10/08/2016 01:26

EPA 8270D

Surrogate: Nitrobenzene-d5

94.3 % 72-126

10/07/2016 10/08/2016 01:26

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	98.9	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160928-044C-2-2.5

N164101-07 (Soil)

Date Sampled
09/28/2016 15:56

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 01:53	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

64.8 % 48.3-152

10/07/2016 10/08/2016 01:53

EPA 8270D

Surrogate: Nitrobenzene-d5

92.3 % 72-126

10/07/2016 10/08/2016 01:53

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	99.5	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160928-044N-1-2

Date Sampled
09/28/2016 16:00

N164101-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:21	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 62.5 % 48.3-152 10/07/2016 10/08/2016 02:21 EPA 8270D

Surrogate: Nitrobenzene-d5 90.1 % 72-126 10/07/2016 10/08/2016 02:21 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	99.3	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160928-044X-0-2.5

N164101-09 (Soil)

Date Sampled
09/28/2016 16:05

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 02:48	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

70.9 % 48.3-152

10/07/2016 10/08/2016 02:48

EPA 8270D

Surrogate: Nitrobenzene-d5

92.1 % 72-126

10/07/2016 10/08/2016 02:48

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	99.2	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-038S-2-2.5

N164101-10 (Soil)

Date Sampled
09/23/2016 15:36

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
2,4,6-Trinitrotoluene	2600	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
2-Nitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
3-Nitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
4-Nitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 03:16	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

77.9 % 48.3-152

10/07/2016 10/08/2016 03:16

EPA 8270D

Surrogate: Nitrobenzene-d5

88.7 % 72-126

10/07/2016 10/08/2016 03:16

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	96.1	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-038C-2-2.5

N164101-11 (Soil)

Date Sampled
09/23/2016 15:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 03:43	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 61.5 % 48.3-152 10/07/2016 10/08/2016 03:43 EPA 8270D

Surrogate: Nitrobenzene-d5 89.3 % 72-126 10/07/2016 10/08/2016 03:43 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	97.9	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-039X-0-2

Date Sampled
09/23/2016 16:50

N164101-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
2,4,6-Trinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
2-Nitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
3-Nitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
4-Nitrotoluene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/07/2016	10/08/2016 04:10	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	77.5 %	48.3-152	10/07/2016	10/08/2016 04:10	EPA 8270D
Surrogate: Nitrobenzene-d5	89.3 %	72-126	10/07/2016	10/08/2016 04:10	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	96.9	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-040X-0-2

Date Sampled
09/23/2016 16:51

N164101-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
2,4,6-Trinitrotoluene	910	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
2-Amino-4,6-dinitrotoluene	200	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
4-Amino-2,6-dinitrotoluene	220	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 04:38	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

79.8 % 48.3-152

10/07/2016 10/08/2016 04:38

EPA 8270D

Surrogate: Nitrobenzene-d5

91.3 % 72-126

10/07/2016 10/08/2016 04:38

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	98.3	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

SITG-160924-041X-0-2

N164101-14 (Soil)

Date Sampled
 09/23/2016 15:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	240	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
2,4,6-Trinitrotoluene	14000	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
2,4-Dinitrotoluene	260000	4100	ug/kg dry	20	10/07/2016	10/07/2016 21:47	EPA 8270D	D
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
2,6-Dinitrotoluene	1900	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
2-Amino-4,6-dinitrotoluene	2200	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
2-Nitrotoluene	260	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
3,4-Dinitrotoluene	1700	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
4-Amino-2,6-dinitrotoluene	2300	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
4-Nitrotoluene	390	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	280	200	ug/kg dry	1	10/07/2016	10/08/2016 06:00	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		100 %	48.3-152		10/07/2016	10/08/2016 06:00	EPA 8270D	
Surrogate: Nitrobenzene-d5		96.3 %	72-126		10/07/2016	10/08/2016 06:00	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	98.3	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-025C-3.5-4

N164102-01 (Soil)

Date Sampled
09/15/2016 09:08

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:22	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

70.5 % 48.3-152

10/07/2016 10/08/2016 07:22

EPA 8270D

Surrogate: Nitrobenzene-d5

94.5 % 72-126

10/07/2016 10/08/2016 07:22

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	99.6	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-025N-2-3

Date Sampled
09/15/2016 09:15

N164102-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 07:49	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 67.4 % 48.3-152 10/07/2016 10/08/2016 07:49 EPA 8270D

Surrogate: Nitrobenzene-d5 92.3 % 72-126 10/07/2016 10/08/2016 07:49 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	99.1	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-025S-2-3

Date Sampled
09/15/2016 09:20

N164102-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
2,4,6-Trinitrotoluene	330	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:16	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

73.2 % 48.3-152

10/07/2016 10/08/2016 08:16

EPA 8270D

Surrogate: Nitrobenzene-d5

91.3 % 72-126

10/07/2016 10/08/2016 08:16

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	98.9	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-025X-1-3.5

Date Sampled
09/15/2016 09:10

N164102-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/08/2016 08:44	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

71.8 % 48.3-152

10/07/2016 10/08/2016 08:44

EPA 8270D

Surrogate: Nitrobenzene-d5

90.8 % 72-126

10/07/2016 10/08/2016 08:44

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	99.3	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-031T-0-1

Date Sampled
09/15/2016 15:35

N164102-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
2,4,6-Trinitrotoluene	7200	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
2-Amino-4,6-dinitrotoluene	250	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	300	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:09	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

65.1 % 48.3-152

10/07/2016

10/11/2016 13:09

EPA 8270D

Surrogate: Nitrobenzene-d5

83.6 % 72-126

10/07/2016

10/11/2016 13:09

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	98.8	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-026T-0-1

Date Sampled
09/15/2016 15:37

N164102-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610001

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
2,4,6-Trinitrotoluene	17000	1000	ug/kg dry	5	10/07/2016	10/11/2016 15:46	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
2-Amino-4,6-dinitrotoluene	320	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
4-Amino-2,6-dinitrotoluene	470	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/07/2016	10/11/2016 13:35	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

83.3 % 48.3-152

10/07/2016

10/11/2016 13:35

EPA 8270D

Surrogate: Nitrobenzene-d5

88.1 % 72-126

10/07/2016

10/11/2016 13:35

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610002

% Solids	98.7	0.00	% by Weight	1	10/07/2016	10/08/2016 10:07	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-027T-0-1

Date Sampled
09/15/2016 15:40

N164102-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
2,4,6-Trinitrotoluene	3800	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
2-Amino-4,6-dinitrotoluene	210	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
4-Amino-2,6-dinitrotoluene	260	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:17	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		68.6 %		48.3-152	10/10/2016	10/11/2016 02:17	EPA 8270D	
Surrogate: Nitrobenzene-d5		88.1 %		72-126	10/10/2016	10/11/2016 02:17	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.2	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-028T-0-1

Date Sampled
09/15/2016 15:42

N164102-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
2,4,6-Trinitrotoluene	13000	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
2-Amino-4,6-dinitrotoluene	230	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
4-Amino-2,6-dinitrotoluene	270	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 02:43	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		76.9 %		48.3-152	10/10/2016	10/11/2016 02:43	EPA 8270D	
Surrogate: Nitrobenzene-d5		90.2 %		72-126	10/10/2016	10/11/2016 02:43	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	98.8	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-029T-0-1
N164102-09 (Soil)

Date Sampled
09/15/2016 15:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
2,4,6-Trinitrotoluene	4700	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
2-Amino-4,6-dinitrotoluene	210	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
4-Amino-2,6-dinitrotoluene	270	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:01	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

77.7 % 48.3-152

10/10/2016 10/11/2016 04:01

EPA 8270D

Surrogate: Nitrobenzene-d5

96.0 % 72-126

10/10/2016 10/11/2016 04:01

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	98.6	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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2525 Advance Road
 Madison, WI 53718
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AECOM
 500 West Jefferson St, Ste 1600
 Louisville KY, 40202

Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

SITG-160915-030T-0-1
N164102-10 (Soil)

Date Sampled
 09/15/2016 15:47

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
2,4,6-Trinitrotoluene	3900	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
2-Amino-4,6-dinitrotoluene	230	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
4-Amino-2,6-dinitrotoluene	290	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:27	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		82.7 %		48.3-152	10/10/2016	10/11/2016 04:27	EPA 8270D	
Surrogate: Nitrobenzene-d5		92.3 %		72-126	10/10/2016	10/11/2016 04:27	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	98.5	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160922-032X-0-3

N164102-11 (Soil)

Date Sampled
09/22/2016 11:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
2,4,6-Trinitrotoluene	350	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
2,4-Dinitrotoluene	270	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 04:53	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

56.3 % 48.3-152

10/10/2016

10/11/2016 04:53

EPA 8270D

Surrogate: Nitrobenzene-d5

93.2 % 72-126

10/10/2016

10/11/2016 04:53

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	98.8	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160922-033X-0-3

Date Sampled
09/22/2016 11:25

N164102-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:20	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 48.0 % 48.3-152 10/10/2016 10/11/2016 05:20 EPA 8270D S

Surrogate: Nitrobenzene-d5 90.5 % 72-126 10/10/2016 10/11/2016 05:20 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	98.2	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160922-034X-0-3

N164102-13 (Soil)

Date Sampled
09/22/2016 11:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 05:46	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

50.6 % 48.3-152

10/10/2016

10/11/2016 05:46

EPA 8270D

Surrogate: Nitrobenzene-d5

88.9 % 72-126

10/10/2016

10/11/2016 05:46

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.4	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160922-035X-0-3

N164102-14 (Soil)

Date Sampled
09/22/2016 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:12	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 37.6 % 48.3-152 10/10/2016 10/11/2016 06:12 EPA 8270D S

Surrogate: Nitrobenzene-d5 88.3 % 72-126 10/10/2016 10/11/2016 06:12 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.1	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-036X-0-2.5

N164102-15 (Soil)

Date Sampled
09/23/2016 11:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
2,4,6-Trinitrotoluene	4100	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
2,4-Dinitrotoluene	1100	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 06:38	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

61.6 % 48.3-152

10/10/2016 10/11/2016 06:38

EPA 8270D

Surrogate: Nitrobenzene-d5

86.2 % 72-126

10/10/2016 10/11/2016 06:38

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.5	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-036C-2-2.5

N164102-16 (Soil)

Date Sampled
09/23/2016 11:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
2,4,6-Trinitrotoluene	9300	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
2,4-Dinitrotoluene	3600	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:04	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

71.5 % 48.3-152

10/10/2016 10/11/2016 07:04

EPA 8270D

Surrogate: Nitrobenzene-d5

89.2 % 72-126

10/10/2016 10/11/2016 07:04

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.8	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-036N-2-2.5

N164102-17 (Soil)

Date Sampled
09/23/2016 11:11

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:30	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 46.2 % 48.3-152 10/10/2016 10/11/2016 07:30 EPA 8270D S

Surrogate: Nitrobenzene-d5 90.5 % 72-126 10/10/2016 10/11/2016 07:30 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.6	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-036S-2-2.5

N164102-18 (Soil)

Date Sampled
09/23/2016 11:13

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
2,4-Dinitrotoluene	240	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 07:56	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		44.7 %	48.3-152		10/10/2016	10/11/2016 07:56	EPA 8270D	S
Surrogate: Nitrobenzene-d5		87.4 %	72-126		10/10/2016	10/11/2016 07:56	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.5	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-037X-0-2.5

N164102-19 (Soil)

Date Sampled
09/23/2016 11:09

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
2,4,6-Trinitrotoluene	140000	4000	ug/kg dry	20	10/10/2016	10/11/2016 15:20	EPA 8270D	D
2,4-Dinitrotoluene	11000	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
2,6-Dinitrotoluene	1200	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
2-Amino-4,6-dinitrotoluene	260	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
4-Amino-2,6-dinitrotoluene	330	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	300	200	ug/kg dry	1	10/10/2016	10/11/2016 10:07	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		83.5 %		48.3-152	10/10/2016	10/11/2016 10:07	EPA 8270D	
Surrogate: Nitrobenzene-d5		84.5 %		72-126	10/10/2016	10/11/2016 10:07	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.7	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-037C-2-2.5

N164102-20 (Soil)

Date Sampled
09/23/2016 11:29

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
2,4,6-Trinitrotoluene	2300	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
2,4-Dinitrotoluene	910	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
2-Amino-4,6-dinitrotoluene	200	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
4-Amino-2,6-dinitrotoluene	210	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:33	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		68.5 %		48.3-152	10/10/2016	10/11/2016 10:33	EPA 8270D	
Surrogate: Nitrobenzene-d5		88.7 %		72-126	10/10/2016	10/11/2016 10:33	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.7	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-037N-2-2.5

N164102-21 (Soil)

Date Sampled
09/23/2016 11:27

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 10:59	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 41.0 % 48.3-152 10/10/2016 10/11/2016 10:59 EPA 8270D S

Surrogate: Nitrobenzene-d5 87.1 % 72-126 10/10/2016 10/11/2016 10:59 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.4	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-037S-2-2.5

N164102-22 (Soil)

Date Sampled
09/23/2016 11:31

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
2,4,6-Trinitrotoluene	2900	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
2-Amino-4,6-dinitrotoluene	200	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
4-Amino-2,6-dinitrotoluene	210	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:25	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

60.2 % 48.3-152

10/10/2016

10/11/2016 11:25

EPA 8270D

Surrogate: Nitrobenzene-d5

83.6 % 72-126

10/10/2016

10/11/2016 11:25

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.7	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-038X-0-2.5

N164102-23 (Soil)

Date Sampled
09/23/2016 15:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
2,4,6-Trinitrotoluene	290	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 00:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		41.5 %		48.3-152	10/10/2016	10/11/2016 00:06	EPA 8270D	S
Surrogate: Nitrobenzene-d5		85.7 %		72-126	10/10/2016	10/11/2016 00:06	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.4	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-038N-2-2.5

N164102-24 (Soil)

Date Sampled
09/23/2016 15:33

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 11:51	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 33.7 % 48.3-152 10/10/2016 10/11/2016 11:51 EPA 8270D S

Surrogate: Nitrobenzene-d5 84.6 % 72-126 10/10/2016 10/11/2016 11:51 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.6	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160915-025X-1-3.5-D
N164102-25 (Soil)

Date Sampled
09/15/2016 09:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:17	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	44.5 %	48.3-152	10/10/2016	10/11/2016 12:17	EPA 8270D	S
Surrogate: Nitrobenzene-d5	84.8 %	72-126	10/10/2016	10/11/2016 12:17	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.4	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160923-038X-0-2.5-D
N164102-26 (Soil)

Date Sampled
09/23/2016 15:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610003

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
2,4,6-Trinitrotoluene	270	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/10/2016	10/11/2016 12:43	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		44.4 %		48.3-152	10/10/2016	10/11/2016 12:43	EPA 8270D	S
Surrogate: Nitrobenzene-d5		82.7 %		72-126	10/10/2016	10/11/2016 12:43	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610004

% Solids	99.2	0.00	% by Weight	1	10/10/2016	10/11/2016 11:12	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-045X

N164103-01 (Soil)

Date Sampled
09/29/2016 08:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
2,4,6-Trinitrotoluene	3200	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
2,4-Dinitrotoluene	9800	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
2-Amino-4,6-dinitrotoluene	270	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
4-Amino-2,6-dinitrotoluene	320	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:12	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		93.5 %		48.3-152	10/11/2016	10/12/2016 20:12	EPA 8270D	
Surrogate: Nitrobenzene-d5		99.3 %		72-126	10/11/2016	10/12/2016 20:12	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.1	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-046X

Date Sampled
09/29/2016 08:50

N164103-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 20:39	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

68.7 % 48.3-152

10/11/2016

10/12/2016 20:39

EPA 8270D

Surrogate: Nitrobenzene-d5

98.6 % 72-126

10/11/2016

10/12/2016 20:39

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.1	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-046C

N164103-03 (Soil)

Date Sampled
09/29/2016 08:52

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 21:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	61.5 %	48.3-152	10/11/2016	10/12/2016 21:06	EPA 8270D
Surrogate: Nitrobenzene-d5	96.0 %	72-126	10/11/2016	10/12/2016 21:06	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.6	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-046S

Date Sampled
09/29/2016 08:55

N164103-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
2,4,6-Trinitrotoluene	500	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
2,4-Dinitrotoluene	570	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
2-Amino-4,6-dinitrotoluene	210	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	230	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:28	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		91.9 %		48.3-152	10/11/2016	10/12/2016 22:28	EPA 8270D	
Surrogate: Nitrobenzene-d5		100 %		72-126	10/11/2016	10/12/2016 22:28	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.3	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-046N

Date Sampled
09/29/2016 08:58

N164103-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 22:55	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

73.3 % 48.3-152

10/11/2016 10/12/2016 22:55

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/11/2016 10/12/2016 22:55

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.1	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-047X

Date Sampled
09/29/2016 09:10

N164103-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
2,4-Dinitrotoluene	2200	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:23	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

70.6 % 48.3-152

10/11/2016 10/12/2016 23:23

EPA 8270D

Surrogate: Nitrobenzene-d5

98.0 % 72-126

10/11/2016 10/12/2016 23:23

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.0	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-047C
N164103-07 (Soil)

Date Sampled
09/29/2016 09:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 23:50	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

61.6 % 48.3-152

10/11/2016

10/12/2016 23:50

EPA 8270D

Surrogate: Nitrobenzene-d5

93.6 % 72-126

10/11/2016

10/12/2016 23:50

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.2	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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2525 Advance Road
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-047S
N164103-08 (Soil)

Date Sampled
09/29/2016 09:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:17	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		66.8 %	48.3-152		10/11/2016	10/13/2016 00:17	EPA 8270D
Surrogate: Nitrobenzene-d5		97.2 %	72-126		10/11/2016	10/13/2016 00:17	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.1	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-047N

Date Sampled
09/29/2016 09:17

N164103-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 00:44	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 61.5 % 48.3-152 10/11/2016 10/13/2016 00:44 EPA 8270D

Surrogate: Nitrobenzene-d5 95.3 % 72-126 10/11/2016 10/13/2016 00:44 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	98.5	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-048X

N164103-10 (Soil)

Date Sampled
09/29/2016 09:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:12	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	68.7 %	48.3-152	10/11/2016	10/13/2016 01:12	EPA 8270D
Surrogate: Nitrobenzene-d5	93.0 %	72-126	10/11/2016	10/13/2016 01:12	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	98.7	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-048C

N164103-11 (Soil)

Date Sampled
09/29/2016 09:28

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 01:39	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 63.1 % 48.3-152 10/11/2016 10/13/2016 01:39 EPA 8270D

Surrogate: Nitrobenzene-d5 95.9 % 72-126 10/11/2016 10/13/2016 01:39 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	98.8	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

SITG-160929-048S
N164103-12 (Soil)

Date Sampled
 09/29/2016 09:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

63.4 % 48.3-152

10/11/2016

10/13/2016 02:06

EPA 8270D

Surrogate: Nitrobenzene-d5

87.7 % 72-126

10/11/2016

10/13/2016 02:06

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	97.9	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-048N
N164103-13 (Soil)

Date Sampled
09/29/2016 09:32

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 02:34	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		66.7 %	48.3-152		10/11/2016	10/13/2016 02:34	EPA 8270D
Surrogate: Nitrobenzene-d5		93.3 %	72-126		10/11/2016	10/13/2016 02:34	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	98.5	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-049X

N164103-14 (Soil)

Date Sampled
09/29/2016 15:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
2,4-Dinitrotoluene	240	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 04:50	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

78.0 % 48.3-152

10/11/2016

10/13/2016 04:50

EPA 8270D

Surrogate: Nitrobenzene-d5

98.2 % 72-126

10/11/2016

10/13/2016 04:50

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.0	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-049N
N164103-15 (Soil)

Date Sampled
09/29/2016 15:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:17	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

76.2 % 48.3-152

10/11/2016

10/13/2016 05:17

EPA 8270D

Surrogate: Nitrobenzene-d5

97.4 % 72-126

10/11/2016

10/13/2016 05:17

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.0	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-049C

N164103-16 (Soil)

Date Sampled
09/29/2016 15:59

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
2,4,6-Trinitrotoluene	210	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
2,4-Dinitrotoluene	450	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 05:44	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

80.0 % 48.3-152

10/11/2016

10/13/2016 05:44

EPA 8270D

Surrogate: Nitrobenzene-d5

98.1 % 72-126

10/11/2016

10/13/2016 05:44

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.4	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-050C
N164103-17 (Soil)

Date Sampled
09/29/2016 16:03

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:11	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

73.7 % 48.3-152

10/11/2016

10/13/2016 06:11

EPA 8270D

Surrogate: Nitrobenzene-d5

94.4 % 72-126

10/11/2016

10/13/2016 06:11

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	98.9	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-050N
N164103-18 (Soil)

Date Sampled
09/29/2016 16:01

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
2,4-Dinitrotoluene	250	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 06:38	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

68.6 % 48.3-152

10/11/2016 10/13/2016 06:38

EPA 8270D

Surrogate: Nitrobenzene-d5

94.6 % 72-126

10/11/2016 10/13/2016 06:38

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	98.6	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-051E
N164103-19 (Soil)

Date Sampled
09/29/2016 16:05

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/13/2016 07:09	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

70.2 % 48.3-152

10/11/2016 10/13/2016 07:09

EPA 8270D

Surrogate: Nitrobenzene-d5

95.5 % 72-126

10/11/2016 10/13/2016 07:09

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	99.2	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-051W
N164103-20 (Soil)

Date Sampled
09/29/2016 16:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610005

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
2,4,6-Trinitrotoluene	240	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
2,4-Dinitrotoluene	510	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/11/2016	10/12/2016 17:55	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

67.8 % 48.3-152

10/11/2016

10/12/2016 17:55

EPA 8270D

Surrogate: Nitrobenzene-d5

95.4 % 72-126

10/11/2016

10/12/2016 17:55

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610006

% Solids	98.9	0.00	% by Weight	1	10/11/2016	10/12/2016 12:13	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-051C

N164103-21 (Soil)

Date Sampled
09/29/2016 15:59

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 09:26	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 85.3 % 48.3-152 10/12/2016 10/13/2016 09:26 EPA 8270D

Surrogate: Nitrobenzene-d5 102 % 72-126 10/12/2016 10/13/2016 09:26 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.3	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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AECOM
 500 West Jefferson St, Ste 1600
 Louisville KY, 40202

Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

SITG-160929-052X

N164103-22 (Soil)

Date Sampled
09/29/2016 16:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 11:33	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

82.7 % 48.3-152

10/12/2016 10/13/2016 11:33

EPA 8270D

Surrogate: Nitrobenzene-d5

101 % 72-126

10/12/2016 10/13/2016 11:33

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.4	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-052C

N164103-23 (Soil)

Date Sampled
09/29/2016 16:27

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
2,4,6-Trinitrotoluene	340	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:01	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

90.0 % 48.3-152

10/12/2016 10/13/2016 12:01

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/12/2016 10/13/2016 12:01

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.6	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-052E
N164103-24 (Soil)

Date Sampled
09/29/2016 16:28

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:28	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

78.0 % 48.3-152

10/12/2016 10/13/2016 12:28

EPA 8270D

Surrogate: Nitrobenzene-d5

96.3 % 72-126

10/12/2016 10/13/2016 12:28

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.5	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-052W

N164103-25 (Soil)

Date Sampled
09/29/2016 16:26

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 12:55	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	77.5 %	48.3-152	10/12/2016	10/13/2016 12:55	EPA 8270D
Surrogate: Nitrobenzene-d5	93.9 %	72-126	10/12/2016	10/13/2016 12:55	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.3	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-053X

N164103-26 (Soil)

Date Sampled
09/29/2016 16:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 13:22	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	76.4 %	48.3-152	10/12/2016	10/13/2016 13:22	EPA 8270D
Surrogate: Nitrobenzene-d5	88.9 %	72-126	10/12/2016	10/13/2016 13:22	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.3	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

SITG-160929-053C
N164103-27 (Soil)

Date Sampled
 09/29/2016 16:32

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:10	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

85.1 % 48.3-152

10/12/2016 10/13/2016 15:10

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/12/2016 10/13/2016 15:10

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.5	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-053E

N164103-28 (Soil)

Date Sampled
09/29/2016 16:34

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 15:37	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

92.6 % 48.3-152

10/12/2016 10/13/2016 15:37

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/12/2016 10/13/2016 15:37

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.3	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160929-053W

Date Sampled
09/29/2016 16:35

N164103-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:05	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	77.3 %	48.3-152	10/12/2016	10/13/2016 16:05	EPA 8270D
Surrogate: Nitrobenzene-d5	98.1 %	72-126	10/12/2016	10/13/2016 16:05	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.5	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-015S-3-3.5

N164104-01 (Soil)

Date Sampled
09/12/2016 16:02

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:33	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 86.4 % 48.3-152 10/12/2016 10/13/2016 21:33 EPA 8270D

Surrogate: Nitrobenzene-d5 103 % 72-126 10/12/2016 10/13/2016 21:33 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.5	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-015N-3-3.5

Date Sampled
09/12/2016 16:07

N164104-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 21:05	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 91.3 % 48.3-152 10/12/2016 10/13/2016 21:05 EPA 8270D

Surrogate: Nitrobenzene-d5 105 % 72-126 10/12/2016 10/13/2016 21:05 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.6	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-015C-4-4.5

N164104-03 (Soil)

Date Sampled
09/12/2016 16:05

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
2,4,6-Trinitrotoluene	310	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	HC
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:38	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

94.4 % 48.3-152

10/12/2016 10/13/2016 20:38

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/12/2016 10/13/2016 20:38

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.4	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-016S-3-3.5

Date Sampled
09/12/2016 17:00

N164104-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 20:11	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 103 % 48.3-152 10/12/2016 10/13/2016 20:11 EPA 8270D

Surrogate: Nitrobenzene-d5 108 % 72-126 10/12/2016 10/13/2016 20:11 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.2	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-016N-3-3.5

N164104-05 (Soil)

Date Sampled
09/12/2016 17:04

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:49	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

85.4 % 48.3-152

10/12/2016 10/13/2016 18:49

EPA 8270D

Surrogate: Nitrobenzene-d5

109 % 72-126

10/12/2016 10/13/2016 18:49

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.0	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-016C-4-4.5

N164104-06 (Soil)

Date Sampled
09/12/2016 17:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 18:21	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

85.8 % 48.3-152

10/12/2016 10/13/2016 18:21

EPA 8270D

Surrogate: Nitrobenzene-d5

111 % 72-126

10/12/2016 10/13/2016 18:21

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.4	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

SITG-160912-016X-1-4.5

N164104-07 (Soil)

Date Sampled
09/12/2016 17:02

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:54	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 88.0 % 48.3-152 10/12/2016 10/13/2016 17:54 EPA 8270D

Surrogate: Nitrobenzene-d5 109 % 72-126 10/12/2016 10/13/2016 17:54 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	99.1	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160911-017X-1-3.5

N164104-08 (Soil)

Date Sampled
09/11/2016 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
2,4,6-Trinitrotoluene	8800	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	HC
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
2-Amino-4,6-dinitrotoluene	240	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
4-Amino-2,6-dinitrotoluene	270	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 17:26	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

102 % 48.3-152

10/12/2016 10/13/2016 17:26

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/12/2016 10/13/2016 17:26

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	98.9	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160911-018X-0-1
N164104-09 (Soil)

Date Sampled
09/11/2016 11:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
2,4,6-Trinitrotoluene	1700	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	HC
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
2-Amino-4,6-dinitrotoluene	230	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
4-Amino-2,6-dinitrotoluene	280	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 16:59	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

101 % 48.3-152

10/12/2016 10/13/2016 16:59

EPA 8270D

Surrogate: Nitrobenzene-d5

100 % 72-126

10/12/2016 10/13/2016 16:59

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	98.0	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160909-019X-1-3.5

N164104-10 (Soil)

Date Sampled
09/09/2016 16:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,3,5-Trinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,3-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
2,3-Dinitrotoluene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
2,4,6-Trinitrotoluene	780000	41000	ug/kg dry	200	10/12/2016	10/13/2016 22:28	EPA 8270D	HC, D
2,4-Dinitrotoluene	4500	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	D
2,5-Dinitrotoluene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
2,6-Dinitrotoluene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
2-Amino-4,6-dinitrotoluene	5000	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	D
2-Nitrotoluene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
3,4-Dinitrotoluene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
3,5-Dinitroaniline	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
3,5-Dinitrotoluene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
3-Nitrotoluene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
4-Amino-2,6-dinitrotoluene	5900	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	D
4-Nitrotoluene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
Nitrobenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	4100	ug/kg dry	20	10/12/2016	10/13/2016 16:32	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		%	48.3-152		10/12/2016	10/13/2016 16:32	EPA 8270D	DO
Surrogate: Nitrobenzene-d5		%	72-126		10/12/2016	10/13/2016 16:32	EPA 8270D	DO

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	97.8	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160913-020X-1-4.5

N164104-11 (Soil)

Date Sampled
09/13/2016 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610007

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/12/2016	10/13/2016 22:00	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

82.9 % 48.3-152

10/12/2016 10/13/2016 22:00

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/12/2016 10/13/2016 22:00

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610008

% Solids	98.9	0.00	% by Weight	1	10/12/2016	10/13/2016 15:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160913-020C-4-4.5

N164104-12 (Soil)

Date Sampled
09/13/2016 11:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 02:35	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 86.6 % 48.3-152 10/13/2016 10/14/2016 02:35 EPA 8270D

Surrogate: Nitrobenzene-d5 116 % 72-126 10/13/2016 10/14/2016 02:35 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	99.1	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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500 West Jefferson St, Ste 1600
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160913-020N-3-3.5

N164104-13 (Soil)

Date Sampled
09/13/2016 11:33

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:02	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

86.1 % 48.3-152

10/13/2016 10/14/2016 03:02

EPA 8270D

Surrogate: Nitrobenzene-d5

115 % 72-126

10/13/2016 10/14/2016 03:02

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.2	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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2525 Advance Road
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160913-020S-3-3.5

Date Sampled
09/13/2016 11:36

N164104-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 03:30	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 84.3 % 48.3-152 10/13/2016 10/14/2016 03:30 EPA 8270D

Surrogate: Nitrobenzene-d5 117 % 72-126 10/13/2016 10/14/2016 03:30 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	99.2	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160913-021X-1-4.5

N164104-15 (Soil)

Date Sampled
09/13/2016 14:05

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 14:43	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

97.0 % 48.3-152

10/13/2016 10/14/2016 14:43

EPA 8270D

Surrogate: Nitrobenzene-d5

104 % 72-126

10/13/2016 10/14/2016 14:43

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.4	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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2525 Advance Road
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160913-021E-3-3.5

Date Sampled
09/13/2016 14:10

N164104-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:25	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 75.8 % 48.3-152 10/13/2016 10/14/2016 04:25 EPA 8270D

Surrogate: Nitrobenzene-d5 115 % 72-126 10/13/2016 10/14/2016 04:25 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.6	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160913-021S-3-3.5

Date Sampled
09/13/2016 14:13

N164104-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 04:52	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 82.7 % 48.3-152 10/13/2016 10/14/2016 04:52 EPA 8270D

Surrogate: Nitrobenzene-d5 115 % 72-126 10/13/2016 10/14/2016 04:52 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	99.1	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160913-021C-4-4.5

Date Sampled
09/13/2016 14:17

N164104-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
2,4,6-Trinitrotoluene	390	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 15:10	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	89.8 %	48.3-152	10/13/2016	10/14/2016 15:10	EPA 8270D
Surrogate: Nitrobenzene-d5	97.2 %	72-126	10/13/2016	10/14/2016 15:10	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.9	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160914-022X-2-3.5

N164104-19 (Soil)

Date Sampled
09/14/2016 17:05

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
2,4,6-Trinitrotoluene	230	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	HC
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/13/2016 23:50	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	82.3 %	48.3-152	10/13/2016	10/13/2016 23:50	EPA 8270D
Surrogate: Nitrobenzene-d5	110 %	72-126	10/13/2016	10/13/2016 23:50	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.9	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160914-023X-2-3

N164104-20 (Soil)

Date Sampled
09/14/2016 17:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,3,5-Trinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
2,3-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
2,4,6-Trinitrotoluene	120000	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	D
2,4-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
2,5-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
2,6-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
2-Nitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
3,4-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
3,5-Dinitroaniline	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
3,5-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
3-Nitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
4-Amino-2,6-dinitrotoluene	4800	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	D
4-Nitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
Nitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	4000	ug/kg dry	20	10/13/2016	10/14/2016 15:38	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

% 48.3-152

10/13/2016

10/14/2016 15:38

EPA 8270D

DO

Surrogate: Nitrobenzene-d5

% 72-126

10/13/2016

10/14/2016 15:38

EPA 8270D

DO

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.8	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160914-024C-3.5-4

N164104-21 (Soil)

Date Sampled
09/14/2016 17:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:05	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	76.5 %	48.3-152	10/13/2016	10/14/2016 16:05	EPA 8270D
Surrogate: Nitrobenzene-d5	101 %	72-126	10/13/2016	10/14/2016 16:05	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.9	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160914-024N-2-3.5

N164104-22 (Soil)

Date Sampled
09/14/2016 17:22

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 16:32	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 90.6 % 48.3-152 10/13/2016 10/14/2016 16:32 EPA 8270D

Surrogate: Nitrobenzene-d5 102 % 72-126 10/13/2016 10/14/2016 16:32 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.6	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160914-024S-2-3.5

N164104-23 (Soil)

Date Sampled
09/14/2016 17:24

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
2,4,6-Trinitrotoluene	8300	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
2-Amino-4,6-dinitrotoluene	750	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
4-Amino-2,6-dinitrotoluene	1400	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	260	200	ug/kg dry	1	10/13/2016	10/14/2016 17:00	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		119 %	48.3-152		10/13/2016	10/14/2016 17:00	EPA 8270D	
Surrogate: Nitrobenzene-d5		103 %	72-126		10/13/2016	10/14/2016 17:00	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	99.4	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160914-024X-2-3.5

Date Sampled
09/14/2016 17:25

N164104-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 17:27	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

82.2 % 48.3-152

10/13/2016 10/14/2016 17:27

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/13/2016 10/14/2016 17:27

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	99.0	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160914-022X-2-3.5-D

N164104-25 (Soil)

Date Sampled
09/14/2016 17:05

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 18:22	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 80.8 % 48.3-152 10/13/2016 10/14/2016 18:22 EPA 8270D

Surrogate: Nitrobenzene-d5 109 % 72-126 10/13/2016 10/14/2016 18:22 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	99.1	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160901-001X
N164105-01 (Soil)

Date Sampled
09/01/2016 15:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
2,4,6-Trinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
2-Nitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
3-Nitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
4-Nitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 18:49	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

76.5 % 48.3-152

10/13/2016 10/14/2016 18:49

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/13/2016 10/14/2016 18:49

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	97.2	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160901-002X

Date Sampled
09/01/2016 15:55

N164105-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
2,4,6-Trinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
2-Nitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
3-Nitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
4-Nitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:12	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

75.9 % 48.3-152

10/13/2016

10/14/2016 20:12

EPA 8270D

Surrogate: Nitrobenzene-d5

106 % 72-126

10/13/2016

10/14/2016 20:12

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	97.3	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160901-003X

N164105-03 (Soil)

Date Sampled
09/01/2016 16:05

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
2,4,6-Trinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
2-Nitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
3-Nitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
4-Nitrotoluene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/13/2016	10/14/2016 20:39	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

80.5 % 48.3-152

10/13/2016 10/14/2016 20:39

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/13/2016 10/14/2016 20:39

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	97.6	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160911-004X-1-2
N164105-04 (Soil)

Date Sampled
09/11/2016 09:35

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		82.1 %	48.3-152		10/13/2016	10/14/2016 21:06	EPA 8270D
Surrogate: Nitrobenzene-d5		105 %	72-126		10/13/2016	10/14/2016 21:06	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.7	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160911-005X-1-4
N164105-05 (Soil)

Date Sampled
09/11/2016 09:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 21:33	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 84.1 % 48.3-152 10/13/2016 10/14/2016 21:33 EPA 8270D

Surrogate: Nitrobenzene-d5 103 % 72-126 10/13/2016 10/14/2016 21:33 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.9	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160911-006X-1-4
N164105-06 (Soil)

Date Sampled
09/11/2016 09:44

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610009

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 22:01	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		77.1 %	48.3-152		10/13/2016	10/14/2016 22:01	EPA 8270D
Surrogate: Nitrobenzene-d5		102 %	72-126		10/13/2016	10/14/2016 22:01	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610010

% Solids	98.9	0.00	% by Weight	1	10/13/2016	10/14/2016 10:52	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160911-007X-1-4

Date Sampled
09/11/2016 09:46

N164105-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/14/2016 23:23	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 77.9 % 48.3-152 10/13/2016 10/14/2016 23:23 EPA 8270D

Surrogate: Nitrobenzene-d5 106 % 72-126 10/13/2016 10/14/2016 23:23 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.0	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160911-008X-1-4
N164105-08 (Soil)

Date Sampled
09/11/2016 09:48

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
2,4,6-Trinitrotoluene	1300	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 01:40	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

101 % 48.3-152

10/13/2016 10/15/2016 01:40

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/13/2016 10/15/2016 01:40

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.3	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160911-009X-1-4
N164105-09 (Soil)

Date Sampled
09/11/2016 09:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
2,4,6-Trinitrotoluene	790	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 02:07	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

88.0 % 48.3-152

10/13/2016 10/15/2016 02:07

EPA 8270D

Surrogate: Nitrobenzene-d5

104 % 72-126

10/13/2016 10/15/2016 02:07

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.4	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-010X-1-3.5

N164105-10 (Soil)

Date Sampled
09/12/2016 12:05

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,3,5-Trinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
2,3-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
2,4,6-Trinitrotoluene	560000	40000	ug/kg dry	200	10/13/2016	10/15/2016 02:34	EPA 8270D	D
2,4-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
2,5-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
2,6-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
2-Nitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
3,4-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
3,5-Dinitroaniline	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
3,5-Dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
3-Nitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
4-Nitrotoluene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
Nitrobenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	4000	ug/kg dry	20	10/13/2016	10/15/2016 08:00	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

% 48.3-152

10/13/2016

10/15/2016 08:00

EPA 8270D

DO

Surrogate: Nitrobenzene-d5

% 72-126

10/13/2016

10/15/2016 08:00

EPA 8270D

DO

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.2	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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2525 Advance Road
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500 West Jefferson St, Ste 1600
Louisville KY, 40202

Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-011X-1-8

Date Sampled
09/12/2016 14:30

N164105-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:29	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 72.3 % 48.3-152 10/13/2016 10/15/2016 03:29 EPA 8270D

Surrogate: Nitrobenzene-d5 105 % 72-126 10/13/2016 10/15/2016 03:29 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.4	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-012X-1-3.5

Date Sampled
09/12/2016 14:45

N164105-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 03:56	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

82.4 % 48.3-152

10/13/2016

10/15/2016 03:56

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/13/2016

10/15/2016 03:56

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.4	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-013S-2.5-3

N164105-13 (Soil)

Date Sampled
09/12/2016 13:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
2,4,6-Trinitrotoluene	1600	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
4-Amino-2,6-dinitrotoluene	290	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:23	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

91.0 % 48.3-152

10/13/2016 10/15/2016 04:23

EPA 8270D

Surrogate: Nitrobenzene-d5

104 % 72-126

10/13/2016 10/15/2016 04:23

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.0	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-013N-2.5-3

N164105-14 (Soil)

Date Sampled
09/12/2016 13:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
2,4,6-Trinitrotoluene	220	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 04:50	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		83.9 %	48.3-152		10/13/2016	10/15/2016 04:50	EPA 8270D
Surrogate: Nitrobenzene-d5		104 %	72-126		10/13/2016	10/15/2016 04:50	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.2	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-013C-3.5-4

N164105-15 (Soil)

Date Sampled
09/12/2016 13:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
2,4,6-Trinitrotoluene	370	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:17	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

84.5 % 48.3-152

10/13/2016 10/15/2016 05:17

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/13/2016 10/15/2016 05:17

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.5	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-014S-3-3.5

N164105-16 (Soil)

Date Sampled
09/12/2016 13:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
2,4,6-Trinitrotoluene	2100	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 05:44	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 99.3 % 48.3-152 10/13/2016 10/15/2016 05:44 EPA 8270D

Surrogate: Nitrobenzene-d5 101 % 72-126 10/13/2016 10/15/2016 05:44 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.2	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-014N-3-3.5

N164105-17 (Soil)

Date Sampled
09/12/2016 16:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
2,4,6-Trinitrotoluene	230	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

94.5 % 48.3-152

10/13/2016

10/15/2016 07:06

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/13/2016

10/15/2016 07:06

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.5	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-160912-014C-4-4.5

N164105-18 (Soil)

Date Sampled
09/12/2016 13:57

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610012

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/13/2016	10/15/2016 07:33	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

88.7 % 48.3-152

10/13/2016 10/15/2016 07:33

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/13/2016 10/15/2016 07:33

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610011

% Solids	99.6	0.00	% by Weight	1	10/13/2016	10/14/2016 10:57	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-054X-0-4

N164201-01 (Soil)

Date Sampled
10/04/2016 14:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	HC
2,4-Dinitrotoluene	210	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	HC
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 19:43	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

116 % 48.3-152

10/17/2016 10/17/2016 19:43

EPA 8270D

Surrogate: Nitrobenzene-d5

133 % 72-126

10/17/2016 10/17/2016 19:43

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.5	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-054C-4-4.5

N164201-02 (Soil)

Date Sampled
10/04/2016 14:14

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
2,4,6-Trinitrotoluene	370	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	HC
2,4-Dinitrotoluene	690	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	HC
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:11	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

117 % 48.3-152

10/17/2016 10/17/2016 20:11

EPA 8270D

Surrogate: Nitrobenzene-d5

132 % 72-126

10/17/2016 10/17/2016 20:11

EPA 8270D S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.1	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-054E-3-3.5

Date Sampled
10/04/2016 14:16

N164201-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 20:39	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

120 % 48.3-152

10/17/2016 10/17/2016 20:39

EPA 8270D

Surrogate: Nitrobenzene-d5

134 % 72-126

10/17/2016 10/17/2016 20:39

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	98.9	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-054W-3-3.5

Date Sampled
10/04/2016 14:17

N164201-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		114 %	48.3-152		10/17/2016	10/17/2016 21:06	EPA 8270D	
Surrogate: Nitrobenzene-d5		128 %	72-126		10/17/2016	10/17/2016 21:06	EPA 8270D	S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.4	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-055X-0-4.5

Date Sampled
10/04/2016 14:21

N164201-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 18:20	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

106 % 48.3-152

10/17/2016 10/17/2016 18:20

EPA 8270D

Surrogate: Nitrobenzene-d5

128 % 72-126

10/17/2016 10/17/2016 18:20

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.6	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-055X-0-4.5-D

N164201-06 (Soil)

Date Sampled
10/04/2016 14:21

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 21:34	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

105 % 48.3-152

10/17/2016 10/17/2016 21:34

EPA 8270D

Surrogate: Nitrobenzene-d5

129 % 72-126

10/17/2016 10/17/2016 21:34

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.6	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-055C-4.5-5

N164201-07 (Soil)

Date Sampled
10/04/2016 14:19

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 22:58	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		116 %	48.3-152		10/17/2016	10/17/2016 22:58	EPA 8270D	
Surrogate: Nitrobenzene-d5		133 %	72-126		10/17/2016	10/17/2016 22:58	EPA 8270D	S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.5	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-055E-3.5-4.5
N164201-08 (Soil)

Date Sampled
10/04/2016 14:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:26	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

104 % 48.3-152

10/17/2016 10/17/2016 23:26

EPA 8270D

Surrogate: Nitrobenzene-d5

132 % 72-126

10/17/2016 10/17/2016 23:26

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.4	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-055W-3.5-4.5

N164201-09 (Soil)

Date Sampled
10/04/2016 14:18

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/17/2016 23:53	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		116 %	48.3-152		10/17/2016	10/17/2016 23:53	EPA 8270D	
Surrogate: Nitrobenzene-d5		131 %	72-126		10/17/2016	10/17/2016 23:53	EPA 8270D	S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.7	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-056X-0-4

Date Sampled
10/04/2016 14:25

N164201-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 00:21	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

116 % 48.3-152

10/17/2016 10/18/2016 00:21

EPA 8270D

Surrogate: Nitrobenzene-d5

132 % 72-126

10/17/2016 10/18/2016 00:21

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.7	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-056C-4-4.5

N164201-11 (Soil)

Date Sampled
10/04/2016 14:26

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:17	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		107 %	48.3-152		10/17/2016	10/18/2016 01:17	EPA 8270D	
Surrogate: Nitrobenzene-d5		136 %	72-126		10/17/2016	10/18/2016 01:17	EPA 8270D	S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.6	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-056E-3.5-4

Date Sampled
10/04/2016 14:27

N164201-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 01:45	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		110 %	48.3-152		10/17/2016	10/18/2016 01:45	EPA 8270D	
Surrogate: Nitrobenzene-d5		136 %	72-126		10/17/2016	10/18/2016 01:45	EPA 8270D	S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.7	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-056W-3.5-4
N164201-13 (Soil)

Date Sampled
10/04/2016 14:28

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:13	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

115 % 48.3-152

10/17/2016 10/18/2016 02:13

EPA 8270D

Surrogate: Nitrobenzene-d5

135 % 72-126

10/17/2016 10/18/2016 02:13

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.5	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-057X-0-4
N164201-14 (Soil)

Date Sampled
10/04/2016 14:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 02:41	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		116 %	48.3-152		10/17/2016	10/18/2016 02:41	EPA 8270D	
Surrogate: Nitrobenzene-d5		134 %	72-126		10/17/2016	10/18/2016 02:41	EPA 8270D	S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.3	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-057C-4-4.5

N164201-15 (Soil)

Date Sampled
10/04/2016 14:31

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 03:09	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

109 % 48.3-152

10/17/2016 10/18/2016 03:09

EPA 8270D

Surrogate: Nitrobenzene-d5

134 % 72-126

10/17/2016 10/18/2016 03:09

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.7	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-057E-3-4

Date Sampled
10/04/2016 14:32

N164201-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 04:32	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

126 % 48.3-152

10/17/2016 10/18/2016 04:32

EPA 8270D

Surrogate: Nitrobenzene-d5

134 % 72-126

10/17/2016 10/18/2016 04:32

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.6	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-057W-3-4
N164201-17 (Soil)

Date Sampled
10/04/2016 14:33

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:00	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

120 % 48.3-152

10/17/2016 10/18/2016 05:00

EPA 8270D

Surrogate: Nitrobenzene-d5

134 % 72-126

10/17/2016 10/18/2016 05:00

EPA 8270D

S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.6	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-058X-0-4

Date Sampled
10/04/2016 14:34

N164201-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 17:24	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

66.1 % 48.3-152

10/17/2016 10/18/2016 17:24

EPA 8270D

Surrogate: Nitrobenzene-d5

93.8 % 72-126

10/17/2016 10/18/2016 17:24

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.6	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-058X-0-4-D

N164201-19 (Soil)

Date Sampled
10/04/2016 14:34

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 18:46	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	71.9 %	48.3-152	10/17/2016	10/18/2016 18:46	EPA 8270D
Surrogate: Nitrobenzene-d5	96.2 %	72-126	10/17/2016	10/18/2016 18:46	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.5	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

SITG-161004-058C-4-4.5

N164201-20 (Soil)

Date Sampled
 10/04/2016 14:35

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:28	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		116 %	48.3-152		10/17/2016	10/18/2016 05:28	EPA 8270D	
Surrogate: Nitrobenzene-d5		132 %	72-126		10/17/2016	10/18/2016 05:28	EPA 8270D	S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.7	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-058E-3-4

Date Sampled
10/04/2016 14:36

N164201-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 05:56	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		116 %	48.3-152		10/17/2016	10/18/2016 05:56	EPA 8270D	
Surrogate: Nitrobenzene-d5		131 %	72-126		10/17/2016	10/18/2016 05:56	EPA 8270D	S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.8	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-058W-3-4
N164201-22 (Soil)

Date Sampled
10/04/2016 14:37

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610013

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 06:23	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		113 %	48.3-152		10/17/2016	10/18/2016 06:23	EPA 8270D	
Surrogate: Nitrobenzene-d5		130 %	72-126		10/17/2016	10/18/2016 06:23	EPA 8270D	S, HC

Classical Chemistry Parameters

Preparation Batch: N610015

% Solids	99.8	0.00	% by Weight	1	10/17/2016	10/18/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-059X-0-4

Date Sampled
10/04/2016 14:45

N164201-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:13	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

61.6 % 48.3-152

10/17/2016 10/18/2016 19:13

EPA 8270D

Surrogate: Nitrobenzene-d5

93.9 % 72-126

10/17/2016 10/18/2016 19:13

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.6	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-059C-4-4.5

N164201-24 (Soil)

Date Sampled
10/04/2016 14:47

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 19:40	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

68.6 % 48.3-152

10/17/2016 10/18/2016 19:40

EPA 8270D

Surrogate: Nitrobenzene-d5

94.2 % 72-126

10/17/2016 10/18/2016 19:40

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.7	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-059E-3-4.5

Date Sampled
10/04/2016 14:53

N164201-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 20:07	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

67.2 % 48.3-152

10/17/2016 10/18/2016 20:07

EPA 8270D

Surrogate: Nitrobenzene-d5

94.1 % 72-126

10/17/2016 10/18/2016 20:07

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.7	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161004-059W-3-4.5

Date Sampled
10/04/2016 14:50

N164201-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:29	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

68.3 % 48.3-152

10/17/2016 10/18/2016 21:29

EPA 8270D

Surrogate: Nitrobenzene-d5

98.1 % 72-126

10/17/2016 10/18/2016 21:29

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.8	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-060T-0-0.5

N164201-27 (Soil)

Date Sampled
10/05/2016 07:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 21:56	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

72.3 % 48.3-152

10/17/2016 10/18/2016 21:56

EPA 8270D

Surrogate: Nitrobenzene-d5

95.1 % 72-126

10/17/2016 10/18/2016 21:56

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	98.8	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-061T-0-0.5

Date Sampled
10/05/2016 08:00

N164201-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:24	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 69.4 % 48.3-152 10/17/2016 10/18/2016 22:24 EPA 8270D

Surrogate: Nitrobenzene-d5 94.9 % 72-126 10/17/2016 10/18/2016 22:24 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.2	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-062T-0-0.5

Date Sampled
10/05/2016 08:05

N164201-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 22:51	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

84.8 % 48.3-152

10/17/2016 10/18/2016 22:51

EPA 8270D

Surrogate: Nitrobenzene-d5

94.3 % 72-126

10/17/2016 10/18/2016 22:51

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	98.9	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-063T-0-0.5

Date Sampled
10/05/2016 08:10

N164201-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:19	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 73.3 % 48.3-152 10/17/2016 10/18/2016 23:19 EPA 8270D

Surrogate: Nitrobenzene-d5 96.2 % 72-126 10/17/2016 10/18/2016 23:19 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	98.5	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-064T-0-0.5

Date Sampled
10/05/2016 08:20

N164201-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/18/2016 23:46	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

67.0 % 48.3-152

10/17/2016 10/18/2016 23:46

EPA 8270D

Surrogate: Nitrobenzene-d5

94.9 % 72-126

10/17/2016 10/18/2016 23:46

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.1	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-065T-0-0.5

N164201-32 (Soil)

Date Sampled
10/05/2016 08:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:13	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

73.2 % 48.3-152

10/17/2016 10/19/2016 00:13

EPA 8270D

Surrogate: Nitrobenzene-d5

95.3 % 72-126

10/17/2016 10/19/2016 00:13

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.2	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-066T-0-0.5

Date Sampled
10/05/2016 08:15

N164201-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 00:41	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	72.8 %	48.3-152	10/17/2016	10/19/2016 00:41	EPA 8270D
Surrogate: Nitrobenzene-d5	92.5 %	72-126	10/17/2016	10/19/2016 00:41	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.1	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-067T-0-0.5

N164201-34 (Soil)

Date Sampled
10/05/2016 08:27

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
2,4-Dinitrotoluene	360	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:08	EPA 8270D	

Surrogate: 2,2'-Dinitrohiphenyl

77.8 % 48.3-152

10/17/2016 10/19/2016 01:08

EPA 8270D

Surrogate: Nitrobenzene-d5

95.0 % 72-126

10/17/2016 10/19/2016 01:08

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	98.8	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-068X-0-0.5

N164201-35 (Soil)

Date Sampled
10/05/2016 08:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
2,3-Dinitrotoluene	230	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
2,4,6-Trinitrotoluene	240	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
2,4-Dinitrotoluene	1600	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
2,6-Dinitrotoluene	220	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
2-Amino-4,6-dinitrotoluene	200	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
3,4-Dinitrotoluene	220	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
4-Amino-2,6-dinitrotoluene	200	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 01:35	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		91.3 %		48.3-152	10/17/2016	10/19/2016 01:35	EPA 8270D	
Surrogate: Nitrobenzene-d5		96.3 %		72-126	10/17/2016	10/19/2016 01:35	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	98.3	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-069X-0-0.5

N164201-36 (Soil)

Date Sampled
10/05/2016 08:32

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
2,4,6-Trinitrotoluene	11000	2000	ug/kg dry	10	10/17/2016	10/19/2016 08:28	EPA 8270D	D
2,4-Dinitrotoluene	2900	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
2,6-Dinitrotoluene	240	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
2-Amino-4,6-dinitrotoluene	2600	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
4-Amino-2,6-dinitrotoluene	2600	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:25	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		110 %		48.3-152	10/17/2016	10/19/2016 03:25	EPA 8270D	
Surrogate: Nitrobenzene-d5		98.9 %		72-126	10/17/2016	10/19/2016 03:25	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	98.1	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-070X-0-5

Date Sampled
10/05/2016 15:15

N164201-37 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 03:52	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

85.3 % 48.3-152

10/17/2016 10/19/2016 03:52

EPA 8270D

Surrogate: Nitrobenzene-d5

101 % 72-126

10/17/2016 10/19/2016 03:52

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.1	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-070C-4.5-5
N164201-38 (Soil)

Date Sampled
10/05/2016 15:17

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
2,4,6-Trinitrotoluene	1300	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:19	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

90.9 % 48.3-152

10/17/2016 10/19/2016 04:19

EPA 8270D

Surrogate: Nitrobenzene-d5

96.9 % 72-126

10/17/2016 10/19/2016 04:19

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.5	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-070E-3-4

Date Sampled
10/05/2016 15:18

N164201-39 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 04:46	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	76.6 %	48.3-152	10/17/2016	10/19/2016 04:46	EPA 8270D
Surrogate: Nitrobenzene-d5	96.4 %	72-126	10/17/2016	10/19/2016 04:46	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.5	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-070W-3-4
N164201-40 (Soil)

Date Sampled
10/05/2016 15:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610014

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/17/2016	10/19/2016 05:14	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

78.2 % 48.3-152

10/17/2016 10/19/2016 05:14

EPA 8270D

Surrogate: Nitrobenzene-d5

97.1 % 72-126

10/17/2016 10/19/2016 05:14

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610016

% Solids	99.0	0.00	% by Weight	1	10/17/2016	10/18/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-071X-0-5

Date Sampled
10/05/2016 15:22

N164201-41 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	E1, LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:07	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

57.4 % 48.3-152

10/18/2016

10/18/2016 20:07

EPA 8270D

Surrogate: Nitrobenzene-d5

89.7 % 72-126

10/18/2016

10/18/2016 20:07

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	99.1	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-071C-4.5-5

N164201-42 (Soil)

Date Sampled
10/05/2016 15:24

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	E1, LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 20:34	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

62.4 % 48.3-152

10/18/2016

10/18/2016 20:34

EPA 8270D

Surrogate: Nitrobenzene-d5

90.9 % 72-126

10/18/2016

10/18/2016 20:34

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	99.4	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-071E-3.5-4.5
N164201-43 (Soil)

Date Sampled
10/05/2016 15:26

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	E1, LC
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:01	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

61.5 % 48.3-152

10/18/2016 10/18/2016 21:01

EPA 8270D

Surrogate: Nitrobenzene-d5

91.8 % 72-126

10/18/2016 10/18/2016 21:01

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	99.7	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-071W-3.5-4.5

N164201-44 (Soil)

Date Sampled
10/05/2016 15:28

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	E1, LC
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 21:28	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

57.1 % 48.3-152

10/18/2016

10/18/2016 21:28

EPA 8270D

Surrogate: Nitrobenzene-d5

87.4 % 72-126

10/18/2016

10/18/2016 21:28

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	99.2	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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500 West Jefferson St, Ste 1600
Louisville KY, 40202

Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-072X-0-5
N164201-45 (Soil)

Date Sampled
10/05/2016 15:29

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	E1, LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
2,4,6-Trinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	LC
2-Nitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	E1
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	LC
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	E1
3-Nitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	LC, E1
4-Nitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 21:55	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

60.3 % 48.3-152

10/18/2016

10/18/2016 21:55

EPA 8270D

Surrogate: Nitrobenzene-d5

84.8 % 72-126

10/18/2016

10/18/2016 21:55

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	97.5	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Madison, WI 53718
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500 West Jefferson St, Ste 1600
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-072X-0-5-D
N164201-46 (Soil)

Date Sampled
10/05/2016 15:29

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	E1, LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
2,4,6-Trinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	LC
2-Nitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	E1
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	LC
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	E1
3-Nitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	LC, E1
4-Nitrotoluene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/18/2016	10/18/2016 22:22	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

59.2 % 48.3-152

10/18/2016

10/18/2016 22:22

EPA 8270D

Surrogate: Nitrobenzene-d5

89.0 % 72-126

10/18/2016

10/18/2016 22:22

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	96.0	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-072C-4.5-5
N164201-47 (Soil)

Date Sampled
10/05/2016 15:35

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1, LC
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	E1, LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 22:49	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

54.8 % 48.3-152

10/18/2016 10/18/2016 22:49

EPA 8270D

Surrogate: Nitrobenzene-d5

86.6 % 72-126

10/18/2016 10/18/2016 22:49

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	97.9	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-072E-3.5-4.5
N164201-48 (Soil)

Date Sampled
10/05/2016 15:37

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:15	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

51.9 % 48.3-152

10/18/2016

10/18/2016 23:15

EPA 8270D

Surrogate: Nitrobenzene-d5

86.2 % 72-126

10/18/2016

10/18/2016 23:15

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	98.9	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-072W-3.5-4.5

N164201-49 (Soil)

Date Sampled
10/05/2016 15:39

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/18/2016 23:42	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

49.6 % 48.3-152

10/18/2016 10/18/2016 23:42

EPA 8270D

Surrogate: Nitrobenzene-d5

86.0 % 72-126

10/18/2016 10/18/2016 23:42

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	99.1	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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2525 Advance Road
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-073X-0-5

Date Sampled
10/05/2016 15:55

N164201-50 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 00:09	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

50.3 % 48.3-152

10/18/2016 10/19/2016 00:09

EPA 8270D

Surrogate: Nitrobenzene-d5

86.7 % 72-126

10/18/2016 10/19/2016 00:09

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	98.2	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-073C-4.5-5

N164201-51 (Soil)

Date Sampled
10/05/2016 15:57

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 02:51	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

51.9 % 48.3-152

10/18/2016

10/19/2016 02:51

EPA 8270D

Surrogate: Nitrobenzene-d5

88.0 % 72-126

10/18/2016

10/19/2016 02:51

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	99.7	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-073E-3.5-4.5
N164201-52 (Soil)

Date Sampled
10/05/2016 16:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:18	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

51.2 % 48.3-152

10/18/2016

10/19/2016 03:18

EPA 8270D

Surrogate: Nitrobenzene-d5

86.0 % 72-126

10/18/2016

10/19/2016 03:18

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	98.3	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161005-073W-3.5-4.5

N164201-53 (Soil)

Date Sampled
10/05/2016 16:02

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 03:44	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

53.3 % 48.3-152

10/18/2016 10/19/2016 03:44

EPA 8270D

Surrogate: Nitrobenzene-d5

87.6 % 72-126

10/18/2016 10/19/2016 03:44

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	99.6	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161006-074X-7-9

Date Sampled
10/06/2016 10:20

N164201-54 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
1,3-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
2,3-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
2,4,6-Trinitrotoluene	4900000	400000	ug/kg dry	2000	10/18/2016	10/20/2016 00:44	EPA 8270D	E1, D
2,4-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
2,5-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	31000	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	LC, D
2-Nitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
3,4-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	E1
3,5-Dinitroaniline	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	LC
3,5-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	E1
3-Nitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
4-Amino-2,6-dinitrotoluene	45000	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	LC, E1, D
4-Nitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
Nitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:26	EPA 8270D	LC

Surrogate: 2,2'-Dinitrophenyl

% 48.3-152

10/18/2016

10/19/2016 06:26

EPA 8270D

DO

Surrogate: Nitrobenzene-d5

% 72-126

10/18/2016

10/19/2016 06:26

EPA 8270D

DO

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	98.9	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161006-075T-0-0.5

N164201-55 (Soil)

Date Sampled
10/06/2016 11:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	E1, LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	E1, LC
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:11	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

55.6 % 48.3-152

10/18/2016 10/19/2016 04:11

EPA 8270D

Surrogate: Nitrobenzene-d5

86.9 % 72-126

10/18/2016 10/19/2016 04:11

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	98.2	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161006-076T-0-0.5

Date Sampled
10/06/2016 11:23

N164201-56 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	LC, E1
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
2,4,6-Trinitrotoluene	570	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	E1, LC
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	E1, LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 04:38	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

62.9 % 48.3-152

10/18/2016 10/19/2016 04:38

EPA 8270D

Surrogate: Nitrobenzene-d5

86.0 % 72-126

10/18/2016 10/19/2016 04:38

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	98.5	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161006-077T-0-0.5

Date Sampled
10/06/2016 11:25

N164201-57 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	LC, E1
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
2,4,6-Trinitrotoluene	320	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	E1, LC
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	E1, LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:05	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

58.5 % 48.3-152

10/18/2016 10/19/2016 05:05

EPA 8270D

Surrogate: Nitrobenzene-d5

84.9 % 72-126

10/18/2016 10/19/2016 05:05

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	98.1	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161006-078T-0-0.5

Date Sampled
10/06/2016 11:30

N164201-58 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 11:57	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

63.2 % 48.3-152

10/18/2016

10/19/2016 11:57

EPA 8270D

Surrogate: Nitrobenzene-d5

91.2 % 72-126

10/18/2016

10/19/2016 11:57

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	98.3	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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2525 Advance Road
Madison, WI 53718
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AECOM
500 West Jefferson St, Ste 1600
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-080X-0-5

N164201-59 (Soil)

Date Sampled
10/08/2016 11:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:19	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

73.6 % 48.3-152

10/19/2016

10/19/2016 13:19

EPA 8270D

Surrogate: Nitrobenzene-d5

94.5 % 72-126

10/19/2016

10/19/2016 13:19

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	99.0	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-080X-0-5-D
N164201-60 (Soil)

Date Sampled
10/08/2016 11:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 13:46	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	70.4 %	48.3-152	10/19/2016	10/19/2016 13:46	EPA 8270D
Surrogate: Nitrobenzene-d5	93.8 %	72-126	10/19/2016	10/19/2016 13:46	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	98.9	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-081X-0-7

Date Sampled
10/08/2016 11:47

N164201-61 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	LC, E1
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	LC, E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	LC
2-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	E1
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	LC
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	E1
3-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	E1, LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/18/2016	10/19/2016 05:32	EPA 8270D	LC

Surrogate: 2,2'-Dinitrobiphenyl

61.3 % 48.3-152

10/18/2016

10/19/2016 05:32

EPA 8270D

Surrogate: Nitrobenzene-d5

88.2 % 72-126

10/18/2016

10/19/2016 05:32

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	99.3	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-082X-2-5

Date Sampled
10/08/2016 11:55

N164201-62 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610017

1,2-Dimethyl-3,4-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
1,3-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	LC, E1
1,4-Dimethyl-2,3-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
2,3-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
2,4,6-Trinitrotoluene	2400000	1000000	ug/kg dry	5000	10/18/2016	10/20/2016 01:11	EPA 8270D	D
2,4-Dinitrotoluene	14000	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	D
2,5-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	LC, E1
2,6-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	E1
2-Amino-4,6-dinitrotoluene	61000	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	LC, D
2-Nitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
3,4-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	E1
3,5-Dinitroaniline	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	LC
3,5-Dinitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	E1
3-Nitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
4-Amino-2,6-dinitrotoluene	91000	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	LC, E1, D
4-Nitrotoluene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
Nitrobenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	10000	ug/kg dry	50	10/18/2016	10/19/2016 06:52	EPA 8270D	LC
Surrogate: 2,2'-Dinitrobiphenyl			%	48.3-152	10/18/2016	10/19/2016 06:52	EPA 8270D	DO
Surrogate: Nitrobenzene-d5			%	72-126	10/18/2016	10/19/2016 06:52	EPA 8270D	DO

Classical Chemistry Parameters

Preparation Batch: N610018

% Solids	98.6	0.00	% by Weight	1	10/18/2016	10/19/2016 08:35	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-083X-0-7

Date Sampled
10/08/2016 11:50

N164201-63 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
2,4,6-Trinitrotoluene	2000	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:13	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

81.4 % 48.3-152

10/19/2016 10/19/2016 14:13

EPA 8270D

Surrogate: Nitrobenzene-d5

92.4 % 72-126

10/19/2016 10/19/2016 14:13

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	99.7	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-084X-0-8

N164201-64 (Soil)

Date Sampled
10/08/2016 11:58

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
2,4,6-Trinitrotoluene	2500	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 14:41	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

87.2 % 48.3-152

10/19/2016 10/19/2016 14:41

EPA 8270D

Surrogate: Nitrobenzene-d5

94.5 % 72-126

10/19/2016 10/19/2016 14:41

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	98.8	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-085X-0-8

Date Sampled
10/08/2016 12:05

N164201-65 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
2,4,6-Trinitrotoluene	2900	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:08	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

85.1 % 48.3-152

10/19/2016 10/19/2016 15:08

EPA 8270D

Surrogate: Nitrobenzene-d5

95.9 % 72-126

10/19/2016 10/19/2016 15:08

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	99.1	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-086X-0-8

Date Sampled
10/08/2016 12:05

N164201-66 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 15:36	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

72.7 % 48.3-152

10/19/2016

10/19/2016 15:36

EPA 8270D

Surrogate: Nitrobenzene-d5

94.7 % 72-126

10/19/2016

10/19/2016 15:36

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	99.6	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-087X-0-10

Date Sampled
10/08/2016 12:07

N164201-67 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 16:03	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

71.6 % 48.3-152

10/19/2016 10/19/2016 16:03

EPA 8270D

Surrogate: Nitrobenzene-d5

95.5 % 72-126

10/19/2016 10/19/2016 16:03

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	99.7	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-088X-1-6
N164201-68 (Soil)

Date Sampled
10/08/2016 12:14

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 18:48	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	75.9 %	48.3-152	10/19/2016	10/19/2016 18:48	EPA 8270D
Surrogate: Nitrobenzene-d5	98.3 %	72-126	10/19/2016	10/19/2016 18:48	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	99.5	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-088C-6-6.5

N164201-69 (Soil)

Date Sampled
10/08/2016 12:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:15	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

75.3 % 48.3-152

10/19/2016 10/19/2016 19:15

EPA 8270D

Surrogate: Nitrobenzene-d5

97.6 % 72-126

10/19/2016 10/19/2016 19:15

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	99.7	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-088E-4-6
N164201-70 (Soil)

Date Sampled
10/08/2016 12:16

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 19:43	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

71.7 % 48.3-152

10/19/2016 10/19/2016 19:43

EPA 8270D

Surrogate: Nitrobenzene-d5

96.6 % 72-126

10/19/2016 10/19/2016 19:43

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	99.5	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-088W-4-6

Date Sampled
10/08/2016 12:10

N164201-71 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:10	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 71.6 % 48.3-152 10/19/2016 10/19/2016 20:10 EPA 8270D

Surrogate: Nitrobenzene-d5 97.6 % 72-126 10/19/2016 10/19/2016 20:10 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	99.5	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-089E-4-6
N164201-72 (Soil)

Date Sampled
10/08/2016 12:11

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
4-Amino-2,6-dinitrotoluene	220	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 20:37	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

78.0 % 48.3-152

10/19/2016 10/19/2016 20:37

EPA 8270D

Surrogate: Nitrobenzene-d5

96.8 % 72-126

10/19/2016 10/19/2016 20:37

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	98.7	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-089E-4-6-D

N164201-73 (Soil)

Date Sampled
10/08/2016 12:11

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
4-Amino-2,6-dinitrotoluene	220	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:05	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	74.5 %	48.3-152	10/19/2016	10/19/2016 21:05	EPA 8270D
Surrogate: Nitrobenzene-d5	95.0 %	72-126	10/19/2016	10/19/2016 21:05	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	98.6	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-089C-1-6
N164201-74 (Soil)

Date Sampled
10/08/2016 12:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
2,4,6-Trinitrotoluene	1500	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
2-Amino-4,6-dinitrotoluene	260	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
4-Amino-2,6-dinitrotoluene	380	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:32	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		91.1 %		48.3-152	10/19/2016	10/19/2016 21:32	EPA 8270D	
Surrogate: Nitrobenzene-d5		97.5 %		72-126	10/19/2016	10/19/2016 21:32	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	98.6	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-089W-4-6
N164201-75 (Soil)

Date Sampled
10/08/2016 12:13

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 21:59	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

73.7 % 48.3-152

10/19/2016

10/19/2016 21:59

EPA 8270D

Surrogate: Nitrobenzene-d5

97.3 % 72-126

10/19/2016

10/19/2016 21:59

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	98.9	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161008-089X-1-6
N164201-76 (Soil)

Date Sampled
10/08/2016 12:17

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610019

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/19/2016	10/19/2016 22:27	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

69.8 % 48.3-152

10/19/2016 10/19/2016 22:27

EPA 8270D

Surrogate: Nitrobenzene-d5

96.4 % 72-126

10/19/2016 10/19/2016 22:27

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610020

% Solids	98.6	0.00	% by Weight	1	10/19/2016	10/20/2016 08:44	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-090X-0-5

Date Sampled
10/11/2016 13:45

N164301-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
2,4,6-Trinitrotoluene	750	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 12:53	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 72.7 % 48.3-152 10/20/2016 10/20/2016 12:53 EPA 8270D

Surrogate: Nitrobenzene-d5 93.7 % 72-126 10/20/2016 10/20/2016 12:53 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.0	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-090C-5
N164301-02 (Soil)

Date Sampled
10/11/2016 13:47

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
2,4,6-Trinitrotoluene	1600	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:42	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

81.5 % 48.3-152

10/20/2016 10/20/2016 14:42

EPA 8270D

Surrogate: Nitrobenzene-d5

91.5 % 72-126

10/20/2016 10/20/2016 14:42

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.7	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-090E-3-4

Date Sampled
10/11/2016 13:50

N164301-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
2,4,6-Trinitrotoluene	9200	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
2-Amino-4,6-dinitrotoluene	200	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:09	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

86.3 % 48.3-152

10/20/2016

10/20/2016 15:09

EPA 8270D

Surrogate: Nitrobenzene-d5

92.6 % 72-126

10/20/2016

10/20/2016 15:09

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.5	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-090W-3-4
N164301-04 (Soil)

Date Sampled
10/11/2016 13:52

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 15:36	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	68.0 %	48.3-152	10/20/2016	10/20/2016 15:36	EPA 8270D
Surrogate: Nitrobenzene-d5	93.9 %	72-126	10/20/2016	10/20/2016 15:36	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.3	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-091X-0-6
N164301-05 (Soil)

Date Sampled
10/11/2016 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
2,4,6-Trinitrotoluene	760	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:04	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		76.1 %	48.3-152		10/20/2016	10/20/2016 16:04	EPA 8270D
Surrogate: Nitrobenzene-d5		92.5 %	72-126		10/20/2016	10/20/2016 16:04	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.8	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-091C-6
N164301-06 (Soil)

Date Sampled
10/11/2016 14:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
2,4,6-Trinitrotoluene	1000	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:20	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

74.6 % 48.3-152

10/20/2016 10/20/2016 13:20

EPA 8270D

Surrogate: Nitrobenzene-d5

92.0 % 72-126

10/20/2016 10/20/2016 13:20

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.7	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-091E-3.5-4
N164301-07 (Soil)

Date Sampled
10/11/2016 14:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
2,4,6-Trinitrotoluene	230	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:31	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

65.6 % 48.3-152

10/20/2016 10/20/2016 16:31

EPA 8270D

Surrogate: Nitrobenzene-d5

93.2 % 72-126

10/20/2016 10/20/2016 16:31

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.6	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-091W-3.5-4
N164301-08 (Soil)

Date Sampled
10/11/2016 14:17

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
2,4,6-Trinitrotoluene	1600	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 13:47	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

78.0 % 48.3-152

10/20/2016 10/20/2016 13:47

EPA 8270D

Surrogate: Nitrobenzene-d5

92.4 % 72-126

10/20/2016 10/20/2016 13:47

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.7	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-092X-0-7
N164301-09 (Soil)

Date Sampled
10/11/2016 14:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
2,4,6-Trinitrotoluene	720	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 16:58	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

72.8 % 48.3-152

10/20/2016 10/20/2016 16:58

EPA 8270D

Surrogate: Nitrobenzene-d5

94.8 % 72-126

10/20/2016 10/20/2016 16:58

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.7	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-092C-7
N164301-10 (Soil)

Date Sampled
10/11/2016 14:47

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,3,5-Trinitrobenzene	240	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
2,4,6-Trinitrotoluene	1000	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 19:43	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

73.6 % 48.3-152

10/20/2016 10/20/2016 19:43

EPA 8270D

Surrogate: Nitrobenzene-d5

96.3 % 72-126

10/20/2016 10/20/2016 19:43

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.5	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-092E-3.5-4

Date Sampled
10/11/2016 14:55

N164301-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:11	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

60.9 % 48.3-152

10/20/2016

10/20/2016 20:11

EPA 8270D

Surrogate: Nitrobenzene-d5

94.2 % 72-126

10/20/2016

10/20/2016 20:11

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.7	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-092E-3.5-4-D

N164301-12 (Soil)

Date Sampled
10/11/2016 14:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 20:38	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	64.9 %	48.3-152	10/20/2016	10/20/2016 20:38	EPA 8270D
Surrogate: Nitrobenzene-d5	94.5 %	72-126	10/20/2016	10/20/2016 20:38	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.7	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-092W-3.5-4
N164301-13 (Soil)

Date Sampled
10/11/2016 14:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
2,4,6-Trinitrotoluene	580	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 14:14	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

81.1 % 48.3-152

10/20/2016 10/20/2016 14:14

EPA 8270D

Surrogate: Nitrobenzene-d5

92.3 % 72-126

10/20/2016 10/20/2016 14:14

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.6	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-093X-0-7
N164301-14 (Soil)

Date Sampled
10/11/2016 15:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,3,5-Trinitrobenzene	240	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
2,4,6-Trinitrotoluene	450	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

67.1 % 48.3-152

10/20/2016

10/20/2016 21:06

EPA 8270D

Surrogate: Nitrobenzene-d5

93.3 % 72-126

10/20/2016

10/20/2016 21:06

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.7	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-093C-7
N164301-15 (Soil)

Date Sampled
10/11/2016 15:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,3,5-Trinitrobenzene	510	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
2,4,6-Trinitrotoluene	1500	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 21:33	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

76.3 % 48.3-152

10/20/2016

10/20/2016 21:33

EPA 8270D

Surrogate: Nitrobenzene-d5

92.4 % 72-126

10/20/2016

10/20/2016 21:33

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.8	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-093W-4-4.5

N164301-16 (Soil)

Date Sampled
10/11/2016 15:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:01	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	66.4 %	48.3-152	10/20/2016	10/20/2016 22:01	EPA 8270D
Surrogate: Nitrobenzene-d5	91.8 %	72-126	10/20/2016	10/20/2016 22:01	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.8	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-093E-4-4.5

Date Sampled
10/11/2016 15:17

N164301-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
2,4,6-Trinitrotoluene	170000	8000	ug/kg dry	40	10/20/2016	10/21/2016 14:25	EPA 8270D	D
2,4-Dinitrotoluene	430	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
2,6-Dinitrotoluene	300	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
2-Amino-4,6-dinitrotoluene	530	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	740	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:28	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		94.1 %		48.3-152	10/20/2016	10/20/2016 22:28	EPA 8270D	
Surrogate: Nitrobenzene-d5		94.4 %		72-126	10/20/2016	10/20/2016 22:28	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.7	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-094X-0-7
N164301-18 (Soil)

Date Sampled
10/11/2016 15:35

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
2,4,6-Trinitrotoluene	12000	2000	ug/kg dry	10	10/20/2016	10/21/2016 14:52	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
2-Amino-4,6-dinitrotoluene	220	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
4-Amino-2,6-dinitrotoluene	240	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 22:55	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		83.7 %		48.3-152	10/20/2016	10/20/2016 22:55	EPA 8270D	
Surrogate: Nitrobenzene-d5		96.9 %		72-126	10/20/2016	10/20/2016 22:55	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.8	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-094C-7

N164301-19 (Soil)

Date Sampled
10/11/2016 15:38

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
2,4,6-Trinitrotoluene	270	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:22	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

70.2 % 48.3-152

10/20/2016

10/20/2016 23:22

EPA 8270D

Surrogate: Nitrobenzene-d5

95.2 % 72-126

10/20/2016

10/20/2016 23:22

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.9	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-094E-4-4.5

N164301-20 (Soil)

Date Sampled
10/11/2016 15:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610022

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
2,4,6-Trinitrotoluene	1200	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
4-Amino-2,6-dinitrotoluene	210	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/20/2016	10/20/2016 23:50	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		76.7 %		48.3-152	10/20/2016	10/20/2016 23:50	EPA 8270D	
Surrogate: Nitrobenzene-d5		94.0 %		72-126	10/20/2016	10/20/2016 23:50	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610021

% Solids	99.6	0.00	% by Weight	1	10/21/2016	10/21/2016 08:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-094W-4-4.5

N164301-21 (Soil)

Date Sampled
10/11/2016 15:42

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610024

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
2,4,6-Trinitrotoluene	2300	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:16	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

82.5 % 48.3-152

10/21/2016

10/21/2016 23:16

EPA 8270D

Surrogate: Nitrobenzene-d5

96.3 % 72-126

10/21/2016

10/21/2016 23:16

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610023

% Solids	99.8	0.00	% by Weight	1	10/21/2016	10/22/2016 10:42	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-095X-2-7
N164301-22 (Soil)

Date Sampled
10/11/2016 16:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610024

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
2,4,6-Trinitrotoluene	990	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/21/2016	10/21/2016 23:43	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

86.4 % 48.3-152

10/21/2016 10/21/2016 23:43

EPA 8270D

Surrogate: Nitrobenzene-d5

96.6 % 72-126

10/21/2016 10/21/2016 23:43

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610023

% Solids	99.8	0.00	% by Weight	1	10/21/2016	10/22/2016 10:42	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-095C-6.5-7

N164301-23 (Soil)

Date Sampled
10/11/2016 16:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610024

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
2,4,6-Trinitrotoluene	760	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:10	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

76.2 % 48.3-152

10/21/2016 10/22/2016 00:10

EPA 8270D

Surrogate: Nitrobenzene-d5

94.9 % 72-126

10/21/2016 10/22/2016 00:10

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610023

% Solids	99.9	0.00	% by Weight	1	10/21/2016	10/22/2016 10:42	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-095W-4-6
N164301-24 (Soil)

Date Sampled
10/11/2016 16:11

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610024

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
2,4,6-Trinitrotoluene	250	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 00:38	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

66.8 % 48.3-152

10/21/2016 10/22/2016 00:38

EPA 8270D

Surrogate: Nitrobenzene-d5

95.0 % 72-126

10/21/2016 10/22/2016 00:38

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610023

% Solids	99.9	0.00	% by Weight	1	10/21/2016	10/22/2016 10:42	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-095E-4-6
N164301-25 (Soil)

Date Sampled
10/11/2016 16:18

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610024

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:32	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

63.3 % 48.3-152

10/21/2016

10/22/2016 01:32

EPA 8270D

Surrogate: Nitrobenzene-d5

96.3 % 72-126

10/21/2016

10/22/2016 01:32

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610023

% Solids	99.8	0.00	% by Weight	1	10/21/2016	10/22/2016 10:42	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-095E-4-6-D
N164301-26 (Soil)

Date Sampled
10/11/2016 16:18

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610024

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
2,4,6-Trinitrotoluene	210	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/21/2016	10/22/2016 01:05	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	62.3 %	48.3-152	10/21/2016	10/22/2016 01:05	EPA 8270D
Surrogate: Nitrobenzene-d5	96.4 %	72-126	10/21/2016	10/22/2016 01:05	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610023

% Solids	99.8	0.00	% by Weight	1	10/21/2016	10/22/2016 10:42	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161011-079X-0-5
N164301-27 (Soil)

Date Sampled
10/11/2016 09:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610024

1,2-Dimethyl-3,4-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,3,5-Trinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,3-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
2,3-Dinitrotoluene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
2,4,6-Trinitrotoluene	260000	8000	ug/kg dry	40	10/21/2016	10/22/2016 17:50	EPA 8270D	D
2,4-Dinitrotoluene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
2,5-Dinitrotoluene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
2,6-Dinitrotoluene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
2-Amino-4,6-dinitrotoluene	2200	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	D
2-Nitrotoluene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
3,4-Dinitrotoluene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
3,5-Dinitroaniline	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
3,5-Dinitrotoluene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
3-Nitrotoluene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
4-Amino-2,6-dinitrotoluene	2200	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	D
4-Nitrotoluene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
Nitrobenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	2000	ug/kg dry	10	10/21/2016	10/21/2016 15:02	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		73.1 %		48.3-152	10/21/2016	10/21/2016 15:02	EPA 8270D	D
Surrogate: Nitrobenzene-d5		87.9 %		72-126	10/21/2016	10/21/2016 15:02	EPA 8270D	D

Classical Chemistry Parameters

Preparation Batch: N610023

% Solids	99.6	0.00	% by Weight	1	10/21/2016	10/22/2016 10:42	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-096X-7-8

N164303-01 (Soil)

Date Sampled
10/20/2016 15:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	E1, LC
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	E1, LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:31	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 47.5 % 48.3-152 10/25/2016 10/25/2016 17:31 EPA 8270D S

Surrogate: Nitrobenzene-d5 93.1 % 72-126 10/25/2016 10/25/2016 17:31 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.8	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-097X-6-7

N164303-02 (Soil)

Date Sampled
10/20/2016 15:28

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
2,4,6-Trinitrotoluene	17000	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
2-Amino-4,6-dinitrotoluene	650	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
4-Amino-2,6-dinitrotoluene	810	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:22	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl	88.5 %	48.3-152	10/26/2016	10/26/2016 16:22	EPA 8270D
Surrogate: Nitrobenzene-d5	89.3 %	72-126	10/26/2016	10/26/2016 16:22	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-098X-6-7

Date Sampled
10/20/2016 15:30

N164303-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 17:59	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

50.0 % 48.3-152

10/25/2016

10/25/2016 17:59

EPA 8270D

Surrogate: Nitrobenzene-d5

91.4 % 72-126

10/25/2016

10/25/2016 17:59

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.7	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-099X-6-7

Date Sampled
10/20/2016 15:32

N164303-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
2,4,6-Trinitrotoluene	3800	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
2-Amino-4,6-dinitrotoluene	240	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
4-Amino-2,6-dinitrotoluene	250	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:26	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

72.3 % 48.3-152

10/25/2016

10/25/2016 18:26

EPA 8270D

Surrogate: Nitrobenzene-d5

92.0 % 72-126

10/25/2016

10/25/2016 18:26

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.8	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-100X-6-7

Date Sampled
10/20/2016 15:35

N164303-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
2,4,6-Trinitrotoluene	15000	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
2-Amino-4,6-dinitrotoluene	310	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
4-Amino-2,6-dinitrotoluene	460	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 18:53	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

83.3 % 48.3-152

10/25/2016

10/25/2016 18:53

EPA 8270D

Surrogate: Nitrobenzene-d5

95.3 % 72-126

10/25/2016

10/25/2016 18:53

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.8	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-101X-0-6
N164303-06 (Soil)

Date Sampled
10/20/2016 15:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
2,4,6-Trinitrotoluene	5600	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	210	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	220	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:20	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

75.1 % 48.3-152

10/25/2016

10/25/2016 19:20

EPA 8270D

Surrogate: Nitrobenzene-d5

92.7 % 72-126

10/25/2016

10/25/2016 19:20

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.8	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-101C-5-6
N164303-07 (Soil)

Date Sampled
10/20/2016 15:57

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
2,4,6-Trinitrotoluene	210	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 19:48	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

55.8 % 48.3-152

10/25/2016

10/25/2016 19:48

EPA 8270D

Surrogate: Nitrobenzene-d5

90.5 % 72-126

10/25/2016

10/25/2016 19:48

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.8	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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500 West Jefferson St, Ste 1600
Louisville KY, 40202

Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-101W-4-5
N164303-08 (Soil)

Date Sampled
10/20/2016 16:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
2,4,6-Trinitrotoluene	38000	2000	ug/kg dry	10	10/25/2016	10/27/2016 13:47	EPA 8270D	E1, D
2,4-Dinitrotoluene	260	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
2-Amino-4,6-dinitrotoluene	320	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
4-Amino-2,6-dinitrotoluene	360	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:15	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		92.1 %		48.3-152	10/25/2016	10/25/2016 20:15	EPA 8270D	
Surrogate: Nitrobenzene-d5		91.3 %		72-126	10/25/2016	10/25/2016 20:15	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.8	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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500 West Jefferson St, Ste 1600
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-101E-4-5
N164303-09 (Soil)

Date Sampled
10/20/2016 16:02

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
1,3-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
2,3-Dinitrotoluene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
2,4,6-Trinitrotoluene	190000	10000	ug/kg dry	50	10/25/2016	10/31/2016 16:02	EPA 8270D	E1, D
2,4-Dinitrotoluene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
2,5-Dinitrotoluene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	E1
2,6-Dinitrotoluene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
2-Amino-4,6-dinitrotoluene	3200	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	D
2-Nitrotoluene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
3,4-Dinitrotoluene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
3,5-Dinitroaniline	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
3,5-Dinitrotoluene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
3-Nitrotoluene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
4-Amino-2,6-dinitrotoluene	3100	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	E1, D
4-Nitrotoluene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
Nitrobenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	2000	ug/kg dry	10	10/25/2016	10/26/2016 03:33	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl	85.8 %	48.3-152		10/25/2016	10/26/2016 03:33	EPA 8270D	D
Surrogate: Nitrobenzene-d5	89.0 %	72-126		10/25/2016	10/26/2016 03:33	EPA 8270D	D

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.8	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-097X-6-7-D
N164303-10 (Soil)

Date Sampled
10/20/2016 15:28

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
2,4,6-Trinitrotoluene	17000	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
2-Amino-4,6-dinitrotoluene	700	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
4-Amino-2,6-dinitrotoluene	870	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 16:50	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

90.4 % 48.3-152

10/26/2016 10/26/2016 16:50

EPA 8270D

Surrogate: Nitrobenzene-d5

92.7 % 72-126

10/26/2016 10/26/2016 16:50

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-102X-0-6

N164303-11 (Soil)

Date Sampled
10/20/2016 16:05

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
2,4,6-Trinitrotoluene	27000	2000	ug/kg dry	10	10/25/2016	10/27/2016 14:15	EPA 8270D	E1, D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
2-Amino-4,6-dinitrotoluene	350	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
4-Amino-2,6-dinitrotoluene	390	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 20:42	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		91.3 %		48.3-152	10/25/2016	10/25/2016 20:42	EPA 8270D	
Surrogate: Nitrobenzene-d5		94.7 %		72-126	10/25/2016	10/25/2016 20:42	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.5	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-102C-5-6
N164303-12 (Soil)

Date Sampled
10/20/2016 16:08

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610031

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	E1
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	E1
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	E1
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	LC, E1
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	LC
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	E1
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
2,4,6-Trinitrotoluene	20000	2000	ug/kg dry	10	10/25/2016	10/27/2016 14:42	EPA 8270D	E1, D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	E1
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
2-Amino-4,6-dinitrotoluene	290	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
4-Amino-2,6-dinitrotoluene	300	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	LC, E1
4-Nitrotoluene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/25/2016	10/25/2016 21:10	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

89.7 % 48.3-152

10/25/2016

10/25/2016 21:10

EPA 8270D

Surrogate: Nitrobenzene-d5

97.0 % 72-126

10/25/2016

10/25/2016 21:10

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610032

% Solids	99.5	0.00	% by Weight	1	10/25/2016	10/26/2016 07:48	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-102W-4-5
N164303-13 (Soil)

Date Sampled
10/20/2016 16:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,3,5-Trinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
2,3-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
2,4,6-Trinitrotoluene	130000	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	D
2,4-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
2,5-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
2,6-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
2-Nitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
3,4-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
3,5-Dinitroaniline	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
3,5-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
3-Nitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
4-Nitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
Nitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:32	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

% 48.3-152

10/26/2016

11/02/2016 14:32

EPA 8270D

DO

Surrogate: Nitrobenzene-d5

% 72-126

10/26/2016

11/02/2016 14:32

EPA 8270D

DO

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-102E-4-5
N164303-14 (Soil)

Date Sampled
10/20/2016 16:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,3-Dinitrobenzene	270	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
2,4,6-Trinitrotoluene	700000	100000	ug/kg dry	500	10/26/2016	10/27/2016 15:37	EPA 8270D	D
2,4-Dinitrotoluene	1500	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
2,6-Dinitrotoluene	1600	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
2-Amino-4,6-dinitrotoluene	1100	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
4-Amino-2,6-dinitrotoluene	1900	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:17	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		103 %		48.3-152	10/26/2016	10/26/2016 17:17	EPA 8270D	
Surrogate: Nitrobenzene-d5		98.4 %		72-126	10/26/2016	10/26/2016 17:17	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.8	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-103X-0-6
N164303-15 (Soil)

Date Sampled
10/20/2016 16:17

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
2,4,6-Trinitrotoluene	22000	2000	ug/kg dry	10	10/26/2016	10/27/2016 11:02	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
2-Amino-4,6-dinitrotoluene	220	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
4-Amino-2,6-dinitrotoluene	270	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 17:44	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		89.6 %		48.3-152	10/26/2016	10/26/2016 17:44	EPA 8270D	
Surrogate: Nitrobenzene-d5		99.3 %		72-126	10/26/2016	10/26/2016 17:44	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	100	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-103C-5-6
N164303-16 (Soil)

Date Sampled
10/20/2016 16:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
2,4,6-Trinitrotoluene	10000	2000	ug/kg dry	10	10/26/2016	10/27/2016 12:25	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
4-Amino-2,6-dinitrotoluene	210	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:12	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		86.7 %		48.3-152	10/26/2016	10/26/2016 18:12	EPA 8270D	
Surrogate: Nitrobenzene-d5		97.1 %		72-126	10/26/2016	10/26/2016 18:12	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	100	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-103W-4-5
N164303-17 (Soil)

Date Sampled
10/20/2016 16:22

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
2,4,6-Trinitrotoluene	280	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 18:39	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

70.8 % 48.3-152

10/26/2016 10/26/2016 18:39

EPA 8270D

Surrogate: Nitrobenzene-d5

94.0 % 72-126

10/26/2016 10/26/2016 18:39

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	100	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-103E-4-5
N164303-18 (Soil)

Date Sampled
10/20/2016 16:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
2,4,6-Trinitrotoluene	180000	8000	ug/kg dry	40	10/26/2016	11/01/2016 11:49	EPA 8270D	D
2,4-Dinitrotoluene	400	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
2,6-Dinitrotoluene	290	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	390	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	620	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:06	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		91.8 %		48.3-152	10/26/2016	10/26/2016 19:06	EPA 8270D	
Surrogate: Nitrobenzene-d5		95.0 %		72-126	10/26/2016	10/26/2016 19:06	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.8	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161020-102W-4-5-D
N164303-19 (Soil)

Date Sampled
10/20/2016 16:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,3,5-Trinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
2,3-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
2,4,6-Trinitrotoluene	150000	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	D
2,4-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
2,5-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
2,6-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
2-Nitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
3,4-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
3,5-Dinitroaniline	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
3,5-Dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
3-Nitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
4-Nitrotoluene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
Nitrobenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	4000	ug/kg dry	20	10/26/2016	11/02/2016 14:59	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

% 48.3-152

10/26/2016

11/02/2016 14:59

EPA 8270D

DO

Surrogate: Nitrobenzene-d5

% 72-126

10/26/2016

11/02/2016 14:59

EPA 8270D

DO

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-104X-3.5-5.5
N164303-20 (Soil)

Date Sampled
10/21/2016 09:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 19:34	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

79.2 % 48.3-152

10/26/2016 10/26/2016 19:34

EPA 8270D

Surrogate: Nitrobenzene-d5

93.5 % 72-126

10/26/2016 10/26/2016 19:34

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.5	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-105X-2-7
N164303-21 (Soil)

Date Sampled
10/21/2016 10:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
2,4,6-Trinitrotoluene	230	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 20:01	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

78.6 % 48.3-152

10/26/2016 10/26/2016 20:01

EPA 8270D

Surrogate: Nitrobenzene-d5

94.6 % 72-126

10/26/2016 10/26/2016 20:01

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-105C-6-7

N164303-22 (Soil)

Date Sampled
10/21/2016 10:57

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,3,5-Trinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,3-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
2,3-Dinitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
2,4,6-Trinitrotoluene	45000	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	D
2,4-Dinitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
2,5-Dinitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
2,6-Dinitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
2-Nitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
3,4-Dinitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
3,5-Dinitroaniline	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
3,5-Dinitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
3-Nitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
4-Nitrotoluene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
Nitrobenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	2000	ug/kg dry	10	10/26/2016	10/26/2016 20:28	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 69.9 % 48.3-152 10/26/2016 10/26/2016 20:28 EPA 8270D D

Surrogate: Nitrobenzene-d5 86.6 % 72-126 10/26/2016 10/26/2016 20:28 EPA 8270D D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-105E-4-5
N164303-23 (Soil)

Date Sampled
10/21/2016 11:02

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 02:25	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	75.4 %	48.3-152	10/26/2016	10/27/2016 02:25	EPA 8270D
Surrogate: Nitrobenzene-d5	95.8 %	72-126	10/26/2016	10/27/2016 02:25	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-105W-4-5
N164303-24 (Soil)

Date Sampled
10/21/2016 11:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
2,4,6-Trinitrotoluene	310	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 17:55	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		89.3 %	48.3-152		10/26/2016	10/27/2016 17:55	EPA 8270D
Surrogate: Nitrobenzene-d5		102 %	72-126		10/26/2016	10/27/2016 17:55	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-106X-2-7

Date Sampled
10/21/2016 11:07

N164303-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 18:23	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

92.0 % 48.3-152

10/26/2016 10/27/2016 18:23

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/26/2016 10/27/2016 18:23

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.8	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-106C-6-7

Date Sampled
10/21/2016 11:10

N164303-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
2,4,6-Trinitrotoluene	1600	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:13	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

84.4 % 48.3-152

10/26/2016 10/26/2016 23:13

EPA 8270D

Surrogate: Nitrobenzene-d5

93.8 % 72-126

10/26/2016 10/26/2016 23:13

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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500 West Jefferson St, Ste 1600
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-106E-4-5
N164303-27 (Soil)

Date Sampled
10/21/2016 11:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
2,4,6-Trinitrotoluene	280	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/26/2016 23:40	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

72.0 % 48.3-152

10/26/2016 10/26/2016 23:40

EPA 8270D

Surrogate: Nitrobenzene-d5

95.0 % 72-126

10/26/2016 10/26/2016 23:40

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-106W-4-5
N164303-28 (Soil)

Date Sampled
10/21/2016 11:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
2,4,6-Trinitrotoluene	320	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:08	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

79.9 % 48.3-152

10/26/2016 10/27/2016 00:08

EPA 8270D

Surrogate: Nitrobenzene-d5

95.4 % 72-126

10/26/2016 10/27/2016 00:08

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.8	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-107X-0-0.5
N164303-29 (Soil)

Date Sampled
10/21/2016 11:21

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
2,4,6-Trinitrotoluene	280	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 19:45	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

85.3 % 48.3-152

10/27/2016 10/27/2016 19:45

EPA 8270D

Surrogate: Nitrobenzene-d5

105 % 72-126

10/27/2016 10/27/2016 19:45

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	115	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-108X-0-0.5
N164303-30 (Soil)

Date Sampled
10/21/2016 11:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 00:35	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		61.9 %	48.3-152		10/26/2016	10/27/2016 00:35	EPA 8270D
Surrogate: Nitrobenzene-d5		91.2 %	72-126		10/26/2016	10/27/2016 00:35	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.3	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-109X-0-0.5

Date Sampled
10/21/2016 11:28

N164303-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:03	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 62.7 % 48.3-152 10/26/2016 10/27/2016 01:03 EPA 8270D

Surrogate: Nitrobenzene-d5 92.8 % 72-126 10/26/2016 10/27/2016 01:03 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.1	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-110X-2.5-5.5
N164303-32 (Soil)

Date Sampled
10/21/2016 11:32

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
2,4,6-Trinitrotoluene	800000	8000	ug/kg dry	40	10/26/2016	10/27/2016 13:20	EPA 8270D	D
2,4-Dinitrotoluene	380	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
2,6-Dinitrotoluene	360	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
2-Amino-4,6-dinitrotoluene	320	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
4-Amino-2,6-dinitrotoluene	480	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:30	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		94.4 %		48.3-152	10/26/2016	10/27/2016 01:30	EPA 8270D	
Surrogate: Nitrobenzene-d5		94.2 %		72-126	10/26/2016	10/27/2016 01:30	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	100	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161021-107X-0-0.5-D
N164303-33 (Soil)

Date Sampled
10/21/2016 11:21

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
2,4,6-Trinitrotoluene	280	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:12	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	78.9 %	48.3-152	10/27/2016	10/27/2016 20:12	EPA 8270D
Surrogate: Nitrobenzene-d5	107 %	72-126	10/27/2016	10/27/2016 20:12	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	98.5	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-111X-7-8

N164401-01 (Soil)

Date Sampled
10/22/2016 09:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610034

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	10/27/2016 01:57	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

75.7 % 48.3-152

10/26/2016

10/27/2016 01:57

EPA 8270D

Surrogate: Nitrobenzene-d5

98.3 % 72-126

10/26/2016

10/27/2016 01:57

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610033

% Solids	99.7	0.00	% by Weight	1	10/26/2016	10/27/2016 10:16	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-111C-7-8

Date Sampled
10/22/2016 09:57

N164401-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:14	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	44.9 %	48.3-152	10/26/2016	11/02/2016 07:14	EPA 8270D	S
Surrogate: Nitrobenzene-d5	94.0 %	72-126	10/26/2016	11/02/2016 07:14	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.5	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-111N-4-5

Date Sampled
10/22/2016 10:00

N164401-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 07:41	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 43.1 % 48.3-152 10/26/2016 11/02/2016 07:41 EPA 8270D S

Surrogate: Nitrobenzene-d5 93.5 % 72-126 10/26/2016 11/02/2016 07:41 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.6	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

SITG-161022-111S-4-5

Date Sampled
 10/22/2016 10:02

N164401-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:09	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

48.7 % 48.3-152

10/26/2016

11/02/2016 08:09

EPA 8270D

Surrogate: Nitrobenzene-d5

95.4 % 72-126

10/26/2016

11/02/2016 08:09

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.3	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-112X-0-5

Date Sampled
10/22/2016 10:05

N164401-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
2,4,6-Trinitrotoluene	1400	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
4-Amino-2,6-dinitrotoluene	220	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 08:36	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

70.0 % 48.3-152

10/26/2016

11/02/2016 08:36

EPA 8270D

Surrogate: Nitrobenzene-d5

94.4 % 72-126

10/26/2016

11/02/2016 08:36

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.5	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-112C-5-6
N164401-06 (Soil)

Date Sampled
10/22/2016 10:07

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
2,4,6-Trinitrotoluene	220	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:03	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

54.1 % 48.3-152

10/26/2016

11/02/2016 09:03

EPA 8270D

Surrogate: Nitrobenzene-d5

93.8 % 72-126

10/26/2016

11/02/2016 09:03

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.6	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-112N-4-5
N164401-07 (Soil)

Date Sampled
10/22/2016 10:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:30	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 61.4 % 48.3-152 10/26/2016 11/02/2016 09:30 EPA 8270D

Surrogate: Nitrobenzene-d5 95.3 % 72-126 10/26/2016 11/02/2016 09:30 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.5	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-112S-4-5

Date Sampled
10/22/2016 10:12

N164401-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
2,4,6-Trinitrotoluene	4100	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:08	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

82.2 % 48.3-152

10/28/2016 10/28/2016 17:08

EPA 8270D

Surrogate: Nitrobenzene-d5

96.6 % 72-126

10/28/2016 10/28/2016 17:08

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.1	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-112S-4-5-D

N164401-09 (Soil)

Date Sampled
10/22/2016 10:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
2,4,6-Trinitrotoluene	6900	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 17:36	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

92.7 % 48.3-152

10/28/2016

10/28/2016 17:36

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/28/2016

10/28/2016 17:36

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.1	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-113X-0-5

Date Sampled
10/22/2016 10:15

N164401-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
2,4,6-Trinitrotoluene	890	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 09:57	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

61.9 % 48.3-152

10/26/2016

11/02/2016 09:57

EPA 8270D

Surrogate: Nitrobenzene-d5

93.7 % 72-126

10/26/2016

11/02/2016 09:57

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.4	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-113C-4-5

Date Sampled
10/22/2016 10:17

N164401-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:25	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

50.0 % 48.3-152

10/26/2016

11/02/2016 10:25

EPA 8270D

Surrogate: Nitrobenzene-d5

95.3 % 72-126

10/26/2016

11/02/2016 10:25

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.4	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-113N-3-4
N164401-12 (Soil)

Date Sampled
10/22/2016 10:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 10:52	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	45.9 %	48.3-152	10/26/2016	11/02/2016 10:52	EPA 8270D	S
Surrogate: Nitrobenzene-d5	96.2 %	72-126	10/26/2016	11/02/2016 10:52	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.2	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-113S-3-4

Date Sampled
10/22/2016 10:22

N164401-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	LC
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 11:20	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 47.9 % 48.3-152 10/26/2016 11/02/2016 11:20 EPA 8270D S

Surrogate: Nitrobenzene-d5 97.5 % 72-126 10/26/2016 11/02/2016 11:20 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.7	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-114X-0-5
N164401-14 (Soil)

Date Sampled
10/22/2016 10:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
2,4,6-Trinitrotoluene	360	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 14:05	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	62.5 %	48.3-152	10/26/2016	11/02/2016 14:05	EPA 8270D
Surrogate: Nitrobenzene-d5	97.9 %	72-126	10/26/2016	11/02/2016 14:05	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.8	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-114C-4-5
N164401-15 (Soil)

Date Sampled
10/22/2016 10:27

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:45	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	51.4 %	48.3-152	10/26/2016	11/02/2016 17:45	EPA 8270D
Surrogate: Nitrobenzene-d5	98.8 %	72-126	10/26/2016	11/02/2016 17:45	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.7	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-114N-3-4
N164401-16 (Soil)

Date Sampled
10/22/2016 10:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 18:12	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		47.8 %	48.3-152		10/26/2016	11/02/2016 18:12	EPA 8270D	S
Surrogate: Nitrobenzene-d5		98.8 %	72-126		10/26/2016	11/02/2016 18:12	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-114S-3-4

Date Sampled
10/22/2016 10:32

N164401-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:27	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 52.9 % 48.3-152 10/26/2016 11/02/2016 15:27 EPA 8270D

Surrogate: Nitrobenzene-d5 94.6 % 72-126 10/26/2016 11/02/2016 15:27 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.5	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-115X-0-5

Date Sampled
10/22/2016 10:35

N164401-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:03	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 65.3 % 48.3-152 10/28/2016 10/28/2016 18:03 EPA 8270D

Surrogate: Nitrobenzene-d5 101 % 72-126 10/28/2016 10/28/2016 18:03 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-115X-0-5-D

N164401-19 (Soil)

Date Sampled
10/22/2016 10:35

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:31	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 67.2 % 48.3-152 10/28/2016 10/28/2016 18:31 EPA 8270D

Surrogate: Nitrobenzene-d5 101 % 72-126 10/28/2016 10/28/2016 18:31 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-115C-4-5

N164401-20 (Soil)

Date Sampled
10/22/2016 10:38

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 15:54	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 48.2 % 48.3-152 10/26/2016 11/02/2016 15:54 EPA 8270D S

Surrogate: Nitrobenzene-d5 97.4 % 72-126 10/26/2016 11/02/2016 15:54 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	100	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-115N-3-4
N164401-21 (Soil)

Date Sampled
10/22/2016 10:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:22	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		47.7 %	48.3-152		10/26/2016	11/02/2016 16:22	EPA 8270D	S
Surrogate: Nitrobenzene-d5		100 %	72-126		10/26/2016	11/02/2016 16:22	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	100	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-115S-3-4
N164401-22 (Soil)

Date Sampled
10/22/2016 10:42

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 16:49	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		58.5 %	48.3-152		10/26/2016	11/02/2016 16:49	EPA 8270D
Surrogate: Nitrobenzene-d5		97.4 %	72-126		10/26/2016	11/02/2016 16:49	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.9	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-116X-0-8

Date Sampled
10/22/2016 10:45

N164401-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610035

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/26/2016	11/02/2016 17:17	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

60.8 % 48.3-152

10/26/2016 11/02/2016 17:17

EPA 8270D

Surrogate: Nitrobenzene-d5

100 % 72-126

10/26/2016 11/02/2016 17:17

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610036

% Solids	99.5	0.00	% by Weight	1	10/26/2016	10/27/2016 10:11	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-117X-0-7

Date Sampled
10/22/2016 10:48

N164401-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
2,4,6-Trinitrotoluene	330	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 20:40	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

86.4 % 48.3-152

10/27/2016 10/27/2016 20:40

EPA 8270D

Surrogate: Nitrobenzene-d5

101 % 72-126

10/27/2016 10/27/2016 20:40

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.5	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-118X-0-6

Date Sampled
10/22/2016 10:50

N164401-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:07	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 74.5 % 48.3-152 10/27/2016 10/27/2016 21:07 EPA 8270D

Surrogate: Nitrobenzene-d5 99.1 % 72-126 10/27/2016 10/27/2016 21:07 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	98.6	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-119X-0-6
N164401-26 (Soil)

Date Sampled
10/22/2016 10:52

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/27/2016 21:35	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

77.0 % 48.3-152

10/27/2016 10/27/2016 21:35

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/27/2016 10/27/2016 21:35

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.0	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-120X-0-6

N164401-27 (Soil)

Date Sampled
10/22/2016 10:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
2,4,6-Trinitrotoluene	5600	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:14	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

93.5 % 48.3-152

10/27/2016 10/28/2016 01:14

EPA 8270D

Surrogate: Nitrobenzene-d5

98.7 % 72-126

10/27/2016 10/28/2016 01:14

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	98.9	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161022-121X-3-3.5

N164401-28 (Soil)

Date Sampled
10/22/2016 11:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
2,4,6-Trinitrotoluene	1300000	100000	ug/kg dry	500	10/27/2016	11/01/2016 09:58	EPA 8270D	D
2,4-Dinitrotoluene	200	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
2-Amino-4,6-dinitrotoluene	2500	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
3,5-Dinitroaniline	230	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
4-Amino-2,6-dinitrotoluene	3600	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 01:41	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		105 %	48.3-152		10/27/2016	10/28/2016 01:41	EPA 8270D	
Surrogate: Nitrobenzene-d5		101 %	72-126		10/27/2016	10/28/2016 01:41	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	98.8	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-122X-0-5

Date Sampled
10/24/2016 09:20

N164402-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
2,4,6-Trinitrotoluene	260	200	ug/kg dry	1	10/27/2016	11/02/2016 02:15	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:09	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		104 %	48.3-152		10/27/2016	10/28/2016 02:09	EPA 8270D
Surrogate: Nitrobenzene-d5		107 %	72-126		10/27/2016	10/28/2016 02:09	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.7	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-122C-4-5

N164402-02 (Soil)

Date Sampled
10/24/2016 09:23

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
2,4,6-Trinitrotoluene	220	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 02:36	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		88.8 %	48.3-152		10/27/2016	10/28/2016 02:36	EPA 8270D
Surrogate: Nitrobenzene-d5		106 %	72-126		10/27/2016	10/28/2016 02:36	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.7	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-122N-4-5
N164402-03 (Soil)

Date Sampled
10/24/2016 09:21

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:03	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 92.0 % 48.3-152 10/27/2016 10/28/2016 03:03 EPA 8270D

Surrogate: Nitrobenzene-d5 107 % 72-126 10/27/2016 10/28/2016 03:03 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.6	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-122S-4-5
N164402-04 (Soil)

Date Sampled
10/24/2016 09:22

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:31	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 87.3 % 48.3-152 10/27/2016 10/28/2016 03:31 EPA 8270D

Surrogate: Nitrobenzene-d5 106 % 72-126 10/27/2016 10/28/2016 03:31 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.5	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-123X-0-5
N164402-05 (Soil)

Date Sampled
10/24/2016 09:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 07:48	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		64.0 %	48.3-152		10/28/2016	10/29/2016 07:48	EPA 8270D
Surrogate: Nitrobenzene-d5		104 %	72-126		10/28/2016	10/29/2016 07:48	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

SITG-161024-123C-4-5

N164402-06 (Soil)

Date Sampled
 10/24/2016 09:34

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 03:58	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 79.6 % 48.3-152 10/27/2016 10/28/2016 03:58 EPA 8270D

Surrogate: Nitrobenzene-d5 105 % 72-126 10/27/2016 10/28/2016 03:58 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.8	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-123N-4-5
N164402-07 (Soil)

Date Sampled
10/24/2016 09:31

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:25	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		78.4 %	48.3-152		10/27/2016	10/28/2016 04:25	EPA 8270D
Surrogate: Nitrobenzene-d5		105 %	72-126		10/27/2016	10/28/2016 04:25	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.8	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-123S-4-5

Date Sampled
10/24/2016 09:32

N164402-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 04:53	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		74.6 %	48.3-152		10/27/2016	10/28/2016 04:53	EPA 8270D
Surrogate: Nitrobenzene-d5		103 %	72-126		10/27/2016	10/28/2016 04:53	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.8	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-123X-0-5-D

N164402-09 (Soil)

Date Sampled
10/24/2016 09:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:16	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

66.6 % 48.3-152

10/28/2016

10/29/2016 08:16

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/28/2016

10/29/2016 08:16

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-124X-0-5

Date Sampled
10/24/2016 09:40

N164402-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 05:20	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

80.0 % 48.3-152

10/27/2016 10/28/2016 05:20

EPA 8270D

Surrogate: Nitrobenzene-d5

106 % 72-126

10/27/2016 10/28/2016 05:20

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.7	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-124C-4-5

N164402-11 (Soil)

Date Sampled
10/24/2016 09:43

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 81.3 % 48.3-152 10/27/2016 10/28/2016 08:06 EPA 8270D

Surrogate: Nitrobenzene-d5 107 % 72-126 10/27/2016 10/28/2016 08:06 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.7	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-124N-4-5
N164402-12 (Soil)

Date Sampled
10/24/2016 09:41

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 08:33	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		84.1 %	48.3-152		10/27/2016	10/28/2016 08:33	EPA 8270D	
Surrogate: Nitrobenzene-d5		107 %	72-126		10/27/2016	10/28/2016 08:33	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.7	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-124S-4-5

Date Sampled
10/24/2016 09:42

N164402-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:01	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

81.8 % 48.3-152

10/27/2016 10/28/2016 09:01

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/27/2016 10/28/2016 09:01

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.9	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-125X-0-5

N164402-14 (Soil)

Date Sampled
10/24/2016 09:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
2,4,6-Trinitrotoluene	270	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:28	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		84.4 %	48.3-152		10/27/2016	10/28/2016 09:28	EPA 8270D
Surrogate: Nitrobenzene-d5		100 %	72-126		10/27/2016	10/28/2016 09:28	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.7	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-125C-4-5

Date Sampled
10/24/2016 09:46

N164402-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610038

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/27/2016	10/28/2016 09:56	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	77.1 %	48.3-152	10/27/2016	10/28/2016 09:56	EPA 8270D
Surrogate: Nitrobenzene-d5	99.5 %	72-126	10/27/2016	10/28/2016 09:56	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610037

% Solids	99.7	0.00	% by Weight	1	10/27/2016	10/28/2016 08:36	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-125N-4-5

Date Sampled
10/24/2016 09:47

N164402-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 18:58	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 70.6 % 48.3-152 10/28/2016 10/28/2016 18:58 EPA 8270D

Surrogate: Nitrobenzene-d5 101 % 72-126 10/28/2016 10/28/2016 18:58 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-125S-4-5

Date Sampled
10/24/2016 09:48

N164402-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:25	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 70.9 % 48.3-152 10/28/2016 10/28/2016 19:25 EPA 8270D

Surrogate: Nitrobenzene-d5 102 % 72-126 10/28/2016 10/28/2016 19:25 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.3	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-126X-0-5

Date Sampled
10/24/2016 10:02

N164402-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
2,4,6-Trinitrotoluene	58000	2000	ug/kg dry	10	10/28/2016	10/31/2016 16:29	EPA 8270D	D
2,4-Dinitrotoluene	14000	2000	ug/kg dry	10	10/28/2016	10/31/2016 16:29	EPA 8270D	D
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
2-Amino-4,6-dinitrotoluene	350	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
4-Amino-2,6-dinitrotoluene	320	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 19:53	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		98.2 %	48.3-152		10/28/2016	10/28/2016 19:53	EPA 8270D	
Surrogate: Nitrobenzene-d5		101 %	72-126		10/28/2016	10/28/2016 19:53	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.4	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-126C-4-5

Date Sampled
10/24/2016 10:04

N164402-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
2,4,6-Trinitrotoluene	450000	100000	ug/kg dry	500	10/28/2016	11/03/2016 00:09	EPA 8270D	D
2,4-Dinitrotoluene	300000	100000	ug/kg dry	500	10/28/2016	11/03/2016 00:09	EPA 8270D	D
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
2,6-Dinitrotoluene	11000	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	530	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
2-Nitrotoluene	550	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	520	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
4-Nitrotoluene	700	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:20	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		105 %	48.3-152		10/28/2016	10/28/2016 20:20	EPA 8270D	
Surrogate: Nitrobenzene-d5		103 %	72-126		10/28/2016	10/28/2016 20:20	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.4	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-126W-3-4
N164402-20 (Soil)

Date Sampled
10/24/2016 10:07

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
2,4,6-Trinitrotoluene	13000	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
2,4-Dinitrotoluene	210	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 20:48	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		96.3 %		48.3-152	10/28/2016	10/28/2016 20:48	EPA 8270D	
Surrogate: Nitrobenzene-d5		105 %		72-126	10/28/2016	10/28/2016 20:48	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.1	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-126E-3-4

Date Sampled
10/24/2016 10:10

N164402-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
2,4,6-Trinitrotoluene	4400	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/28/2016 21:15	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		92.2 %	48.3-152		10/28/2016	10/28/2016 21:15	EPA 8270D
Surrogate: Nitrobenzene-d5		104 %	72-126		10/28/2016	10/28/2016 21:15	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.1	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-127X-7-8

N164402-22 (Soil)

Date Sampled
10/24/2016 10:22

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:00	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 75.1 % 48.3-152 10/28/2016 10/29/2016 00:00 EPA 8270D

Surrogate: Nitrobenzene-d5 104 % 72-126 10/28/2016 10/29/2016 00:00 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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2525 Advance Road
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500 West Jefferson St, Ste 1600
Louisville KY, 40202

Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-127C-7-8

Date Sampled
10/24/2016 10:25

N164402-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:28	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 78.9 % 48.3-152 10/28/2016 10/29/2016 00:28 EPA 8270D

Surrogate: Nitrobenzene-d5 104 % 72-126 10/28/2016 10/29/2016 00:28 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.2	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-127N-5-6
N164402-24 (Soil)

Date Sampled
10/24/2016 10:27

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 00:55	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 87.5 % 48.3-152 10/28/2016 10/29/2016 00:55 EPA 8270D

Surrogate: Nitrobenzene-d5 105 % 72-126 10/28/2016 10/29/2016 00:55 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161024-127S-5-6

Date Sampled
10/24/2016 10:30

N164402-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:23	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 74.7 % 48.3-152 10/28/2016 10/29/2016 01:23 EPA 8270D

Surrogate: Nitrobenzene-d5 102 % 72-126 10/28/2016 10/29/2016 01:23 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-128X-0-6
N164403-01 (Soil)

Date Sampled
10/26/2016 10:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 01:50	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

79.5 % 48.3-152

10/28/2016

10/29/2016 01:50

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/28/2016

10/29/2016 01:50

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.4	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-128C-5-6
N164403-02 (Soil)

Date Sampled
10/26/2016 10:42

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:18	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		83.8 %	48.3-152		10/28/2016	10/29/2016 02:18	EPA 8270D
Surrogate: Nitrobenzene-d5		101 %	72-126		10/28/2016	10/29/2016 02:18	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-128N-3-4
N164403-03 (Soil)

Date Sampled
10/26/2016 10:45

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 02:45	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

84.3 % 48.3-152

10/28/2016 10/29/2016 02:45

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/28/2016 10/29/2016 02:45

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.8	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-128S-3-4
N164403-04 (Soil)

Date Sampled
10/26/2016 10:48

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:13	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

67.7 % 48.3-152

10/28/2016 10/29/2016 03:13

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/28/2016 10/29/2016 03:13

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-129X-0-6
N164403-05 (Soil)

Date Sampled
10/26/2016 10:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
2,4,6-Trinitrotoluene	1500	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 03:40	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

99.8 % 48.3-152

10/28/2016 10/29/2016 03:40

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/28/2016 10/29/2016 03:40

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-129C-5-6
N164403-06 (Soil)

Date Sampled
10/26/2016 10:52

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610040

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
2,4,6-Trinitrotoluene	570	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 04:07	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

79.9 % 48.3-152

10/28/2016 10/29/2016 04:07

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/28/2016 10/29/2016 04:07

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610039

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:21	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-129N-3-4
N164403-07 (Soil)

Date Sampled
10/26/2016 10:52

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 08:43	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	65.1 %	48.3-152	10/28/2016	10/29/2016 08:43	EPA 8270D
Surrogate: Nitrobenzene-d5	98.3 %	72-126	10/28/2016	10/29/2016 08:43	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-129S-3-4

Date Sampled
10/26/2016 10:54

N164403-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
2,4,6-Trinitrotoluene	1900	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:11	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

82.3 % 48.3-152

10/28/2016

10/29/2016 09:11

EPA 8270D

Surrogate: Nitrobenzene-d5

97.4 % 72-126

10/28/2016

10/29/2016 09:11

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-129S-3-4-D

N164403-09 (Soil)

Date Sampled
10/26/2016 10:54

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
2,4,6-Trinitrotoluene	3000	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 09:38	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

93.8 % 48.3-152

10/28/2016 10/29/2016 09:38

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/28/2016 10/29/2016 09:38

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-130X-0-4

Date Sampled
10/26/2016 10:56

N164403-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
2,4,6-Trinitrotoluene	6400	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

81.0 % 48.3-152

10/28/2016 10/29/2016 10:06

EPA 8270D

Surrogate: Nitrobenzene-d5

98.0 % 72-126

10/28/2016 10/29/2016 10:06

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-130C-3.5-4

N164403-11 (Soil)

Date Sampled
10/26/2016 10:58

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
2,4,6-Trinitrotoluene	7400	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
2-Amino-4,6-dinitrotoluene	250	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
4-Amino-2,6-dinitrotoluene	230	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 10:33	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		88.0 %		48.3-152	10/28/2016	10/29/2016 10:33	EPA 8270D	
Surrogate: Nitrobenzene-d5		97.7 %		72-126	10/28/2016	10/29/2016 10:33	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-130N-3-3.5
N164403-12 (Soil)

Date Sampled
10/26/2016 11:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
2,4,6-Trinitrotoluene	2800	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:01	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

86.1 % 48.3-152

10/28/2016 10/29/2016 11:01

EPA 8270D

Surrogate: Nitrobenzene-d5

98.8 % 72-126

10/28/2016 10/29/2016 11:01

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-130S-3-3.5

Date Sampled
10/26/2016 11:02

N164403-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:28	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

62.5 % 48.3-152

10/28/2016

10/29/2016 11:28

EPA 8270D

Surrogate: Nitrobenzene-d5

96.9 % 72-126

10/28/2016

10/29/2016 11:28

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-131X-0-5

Date Sampled
10/26/2016 11:04

N164403-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
2,4,6-Trinitrotoluene	28000	2000	ug/kg dry	10	10/28/2016	10/31/2016 16:56	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
2-Amino-4,6-dinitrotoluene	250	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
4-Amino-2,6-dinitrotoluene	250	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 11:55	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

91.4 % 48.3-152

10/28/2016

10/29/2016 11:55

EPA 8270D

Surrogate: Nitrobenzene-d5

95.8 % 72-126

10/28/2016

10/29/2016 11:55

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-131C-4-5

N164403-15 (Soil)

Date Sampled
10/26/2016 11:06

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
2,4,6-Trinitrotoluene	3200	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
2-Amino-4,6-dinitrotoluene	240	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
4-Amino-2,6-dinitrotoluene	210	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 14:40	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		83.6 %		48.3-152	10/28/2016	10/29/2016 14:40	EPA 8270D	
Surrogate: Nitrobenzene-d5		96.4 %		72-126	10/28/2016	10/29/2016 14:40	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-131N-2.5-3

N164403-16 (Soil)

Date Sampled
10/26/2016 11:08

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
2,4,6-Trinitrotoluene	38000	2000	ug/kg dry	10	10/28/2016	10/31/2016 17:23	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:07	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 97.9 % 48.3-152 10/28/2016 10/29/2016 15:07 EPA 8270D

Surrogate: Nitrobenzene-d5 99.1 % 72-126 10/28/2016 10/29/2016 15:07 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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500 West Jefferson St, Ste 1600
Louisville KY, 40202

Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-131S-2.5-3

N164403-17 (Soil)

Date Sampled
10/26/2016 11:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
2,4,6-Trinitrotoluene	360	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 15:35	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		80.0 %		48.3-152	10/28/2016	10/29/2016 15:35	EPA 8270D
Surrogate: Nitrobenzene-d5		99.1 %		72-126	10/28/2016	10/29/2016 15:35	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-132X-0-2.5
N164403-18 (Soil)

Date Sampled
10/26/2016 11:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
2,4,6-Trinitrotoluene	100000	4000	ug/kg dry	20	10/28/2016	10/31/2016 17:50	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
2-Amino-4,6-dinitrotoluene	250	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
4-Amino-2,6-dinitrotoluene	250	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:02	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		95.2 %		48.3-152	10/28/2016	10/29/2016 16:02	EPA 8270D	
Surrogate: Nitrobenzene-d5		99.2 %		72-126	10/28/2016	10/29/2016 16:02	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-132C-2-2.5
N164403-19 (Soil)

Date Sampled
10/26/2016 11:14

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
2,4,6-Trinitrotoluene	5100	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
2-Amino-4,6-dinitrotoluene	200	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:30	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

91.7 % 48.3-152

10/28/2016

10/29/2016 16:30

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/28/2016

10/29/2016 16:30

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-132N-1-2
N164403-20 (Soil)

Date Sampled
10/26/2016 11:16

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
2,4,6-Trinitrotoluene	78000	4000	ug/kg dry	20	10/28/2016	10/31/2016 18:17	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
2-Amino-4,6-dinitrotoluene	290	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
4-Amino-2,6-dinitrotoluene	290	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 16:57	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		92.8 %		48.3-152	10/28/2016	10/29/2016 16:57	EPA 8270D	
Surrogate: Nitrobenzene-d5		99.9 %		72-126	10/28/2016	10/29/2016 16:57	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.5	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-132S-1-2
N164403-21 (Soil)

Date Sampled
10/26/2016 11:18

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
2,4,6-Trinitrotoluene	61000	2000	ug/kg dry	10	10/28/2016	11/01/2016 11:18	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:25	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

91.5 % 48.3-152

10/28/2016 10/29/2016 17:25

EPA 8270D

Surrogate: Nitrobenzene-d5

98.7 % 72-126

10/28/2016 10/29/2016 17:25

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-133X-0-6
N164403-22 (Soil)

Date Sampled
10/26/2016 11:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
2,4,6-Trinitrotoluene	1100	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 17:52	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

80.0 % 48.3-152

10/28/2016 10/29/2016 17:52

EPA 8270D

Surrogate: Nitrobenzene-d5

100 % 72-126

10/28/2016 10/29/2016 17:52

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-133C-5-6
N164403-23 (Soil)

Date Sampled
10/26/2016 11:22

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:20	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		76.5 %	48.3-152		10/28/2016	10/29/2016 18:20	EPA 8270D
Surrogate: Nitrobenzene-d5		99.9 %	72-126		10/28/2016	10/29/2016 18:20	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.9	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-133N-3-4
N164403-24 (Soil)

Date Sampled
10/26/2016 11:24

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610042

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 18:47	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		76.5 %	48.3-152		10/28/2016	10/29/2016 18:47	EPA 8270D
Surrogate: Nitrobenzene-d5		100 %	72-126		10/28/2016	10/29/2016 18:47	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610041

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/29/2016 10:37	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-133S-3-4
N164403-25 (Soil)

Date Sampled
10/26/2016 11:26

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610044

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:27	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

72.9 % 48.3-152

10/28/2016 10/29/2016 22:27

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/28/2016 10/29/2016 22:27

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610043

% Solids	99.9	0.00	% by Weight	1	10/28/2016	10/31/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-134X-0-3
N164403-26 (Soil)

Date Sampled
10/26/2016 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610044

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	HC, E1
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
2,4,6-Trinitrotoluene	110000	4000	ug/kg dry	20	10/28/2016	10/31/2016 19:11	EPA 8270D	E1, D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
2-Amino-4,6-dinitrotoluene	440	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
4-Amino-2,6-dinitrotoluene	580	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 22:54	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

98.7 % 48.3-152

10/28/2016

10/29/2016 22:54

EPA 8270D

Surrogate: Nitrobenzene-d5

102 % 72-126

10/28/2016

10/29/2016 22:54

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610043

% Solids	99.1	0.00	% by Weight	1	10/28/2016	10/31/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-135X-0-2
N164403-27 (Soil)

Date Sampled
10/26/2016 11:32

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECES - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610044

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:22	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

80.1 % 48.3-152

10/28/2016 10/29/2016 23:22

EPA 8270D

Surrogate: Nitrobenzene-d5

107 % 72-126

10/28/2016 10/29/2016 23:22

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610043

% Solids	99.7	0.00	% by Weight	1	10/28/2016	10/31/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-136X-0-2
N164403-28 (Soil)

Date Sampled
10/26/2016 11:34

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610044

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
2,4,6-Trinitrotoluene	250	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	E1
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/29/2016 23:49	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

77.7 % 48.3-152

10/28/2016 10/29/2016 23:49

EPA 8270D

Surrogate: Nitrobenzene-d5

103 % 72-126

10/28/2016 10/29/2016 23:49

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610043

% Solids	99.2	0.00	% by Weight	1	10/28/2016	10/31/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-137X-0-2
N164403-29 (Soil)

Date Sampled
10/26/2016 11:36

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610044

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
2,4,6-Trinitrotoluene	21000	800	ug/kg dry	4	10/28/2016	11/01/2016 12:16	EPA 8270D	E1, D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:17	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

94.0 % 48.3-152

10/28/2016 10/30/2016 00:17

EPA 8270D

Surrogate: Nitrobenzene-d5

104 % 72-126

10/28/2016 10/30/2016 00:17

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610043

% Solids	99.6	0.00	% by Weight	1	10/28/2016	10/31/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-138X-0-1

N164403-30 (Soil)

Date Sampled
10/26/2016 11:38

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610044

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,3-Dinitrobenzene	290	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	HC, E1
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
2,4,6-Trinitrotoluene	1200000	40000	ug/kg dry	200	10/28/2016	11/01/2016 10:24	EPA 8270D	E1, D
2,4-Dinitrotoluene	570	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
2-Amino-4,6-dinitrotoluene	800	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
4-Amino-2,6-dinitrotoluene	910	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/28/2016	10/30/2016 00:45	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		103 %	48.3-152		10/28/2016	10/30/2016 00:45	EPA 8270D	
Surrogate: Nitrobenzene-d5		105 %	72-126		10/28/2016	10/30/2016 00:45	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610043

% Solids	99.3	0.00	% by Weight	1	10/28/2016	10/31/2016 07:41	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-139X-TS
N164404-01 (Soil)

Date Sampled
10/26/2016 13:40

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610046

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
2,4,6-Trinitrotoluene	270	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 16:53	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

65.2 % 48.3-152

10/29/2016 10/31/2016 16:53

EPA 8270D

Surrogate: Nitrobenzene-d5

97.4 % 72-126

10/29/2016 10/31/2016 16:53

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610045

% Solids	98.3	0.00	% by Weight	1	10/29/2016	10/31/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-140X-TS
N164404-02 (Soil)

Date Sampled
10/26/2016 13:42

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610046

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
2,4,6-Trinitrotoluene	340	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:20	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

73.7 % 48.3-152

10/29/2016 10/31/2016 17:20

EPA 8270D

Surrogate: Nitrobenzene-d5

97.7 % 72-126

10/29/2016 10/31/2016 17:20

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610045

% Solids	98.5	0.00	% by Weight	1	10/29/2016	10/31/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-141X-TS
N164404-03 (Soil)

Date Sampled
10/26/2016 13:44

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610046

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
2,4,6-Trinitrotoluene	1900	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 17:48	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

82.7 % 48.3-152

10/29/2016 10/31/2016 17:48

EPA 8270D

Surrogate: Nitrobenzene-d5

96.8 % 72-126

10/29/2016 10/31/2016 17:48

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610045

% Solids	98.4	0.00	% by Weight	1	10/29/2016	10/31/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-142X-TS
N164404-04 (Soil)

Date Sampled
10/26/2016 13:46

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610046

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
2,4,6-Trinitrotoluene	19000	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
2-Amino-4,6-dinitrotoluene	260	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
4-Amino-2,6-dinitrotoluene	360	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/29/2016	10/31/2016 18:15	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

94.3 % 48.3-152

10/29/2016 10/31/2016 18:15

EPA 8270D

Surrogate: Nitrobenzene-d5

97.1 % 72-126

10/29/2016 10/31/2016 18:15

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610045

% Solids	98.6	0.00	% by Weight	1	10/29/2016	10/31/2016 07:46	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-143X-TS
N164404-05 (Soil)

Date Sampled
10/26/2016 13:48

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
2,4,6-Trinitrotoluene	83000	2000	ug/kg dry	10	10/31/2016	11/02/2016 03:57	EPA 8270D	D
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
2-Amino-4,6-dinitrotoluene	430	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
4-Amino-2,6-dinitrotoluene	440	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 00:39	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		92.8 %		48.3-152	10/31/2016	11/01/2016 00:39	EPA 8270D	
Surrogate: Nitrobenzene-d5		98.3 %		72-126	10/31/2016	11/01/2016 00:39	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.5	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-144X-TS
N164404-06 (Soil)

Date Sampled
10/26/2016 13:50

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
2,4,6-Trinitrotoluene	6500	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
4-Amino-2,6-dinitrotoluene	200	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:06	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

89.1 % 48.3-152

10/31/2016

11/01/2016 01:06

EPA 8270D

Surrogate: Nitrobenzene-d5

99.1 % 72-126

10/31/2016

11/01/2016 01:06

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.5	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-145X-TS
N164404-07 (Soil)

Date Sampled
10/26/2016 13:52

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
2,4,6-Trinitrotoluene	420	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 01:34	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	83.9 %	48.3-152	10/31/2016	11/01/2016 01:34	EPA 8270D
Surrogate: Nitrobenzene-d5	98.5 %	72-126	10/31/2016	11/01/2016 01:34	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	97.9	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-146X-TS

N164404-08 (Soil)

Date Sampled
10/26/2016 13:55

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
2,4,6-Trinitrotoluene	1500	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
4-Amino-2,6-dinitrotoluene	210	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:01	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

86.6 % 48.3-152

10/31/2016

11/01/2016 02:01

EPA 8270D

Surrogate: Nitrobenzene-d5

99.2 % 72-126

10/31/2016

11/01/2016 02:01

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.5	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-147X-TS
N164404-09 (Soil)

Date Sampled
10/26/2016 13:57

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
2,4,6-Trinitrotoluene	2300	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
4-Amino-2,6-dinitrotoluene	200	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:28	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		88.2 %		48.3-152	10/31/2016	11/01/2016 02:28	EPA 8270D	
Surrogate: Nitrobenzene-d5		102 %		72-126	10/31/2016	11/01/2016 02:28	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.4	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-147X-TS-D

N164404-10 (Soil)

Date Sampled
10/26/2016 13:57

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
2,4,6-Trinitrotoluene	4700	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
2-Amino-4,6-dinitrotoluene	200	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
4-Amino-2,6-dinitrotoluene	220	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 02:56	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

88.2 % 48.3-152

10/31/2016

11/01/2016 02:56

EPA 8270D

Surrogate: Nitrobenzene-d5

97.4 % 72-126

10/31/2016

11/01/2016 02:56

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.3	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-148X-TS
N164404-11 (Soil)

Date Sampled
10/26/2016 14:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
2,4,6-Trinitrotoluene	460	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
4-Amino-2,6-dinitrotoluene	220	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:23	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		80.9 %		48.3-152	10/31/2016	11/01/2016 03:23	EPA 8270D	
Surrogate: Nitrobenzene-d5		98.2 %		72-126	10/31/2016	11/01/2016 03:23	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.6	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-149X-TS
N164404-12 (Soil)

Date Sampled
10/26/2016 14:02

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
2,4,6-Trinitrotoluene	4400	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
2-Amino-4,6-dinitrotoluene	210	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
4-Amino-2,6-dinitrotoluene	250	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 03:50	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		90.6 %		48.3-152	10/31/2016	11/01/2016 03:50	EPA 8270D	
Surrogate: Nitrobenzene-d5		99.4 %		72-126	10/31/2016	11/01/2016 03:50	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.9	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-150X-TS
N164404-13 (Soil)

Date Sampled
10/26/2016 14:04

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
2,4,6-Trinitrotoluene	2600	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
2-Amino-4,6-dinitrotoluene	320	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
4-Amino-2,6-dinitrotoluene	490	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:18	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		89.2 %		48.3-152	10/31/2016	11/01/2016 04:18	EPA 8270D	
Surrogate: Nitrobenzene-d5		99.3 %		72-126	10/31/2016	11/01/2016 04:18	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.3	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-151X-TS
N164404-14 (Soil)

Date Sampled
10/26/2016 14:06

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
2,4,6-Trinitrotoluene	1500	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
2-Amino-4,6-dinitrotoluene	210	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
4-Amino-2,6-dinitrotoluene	280	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 04:45	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		82.6 %		48.3-152	10/31/2016	11/01/2016 04:45	EPA 8270D	
Surrogate: Nitrobenzene-d5		95.7 %		72-126	10/31/2016	11/01/2016 04:45	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	97.9	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-152X-TS
N164404-15 (Soil)

Date Sampled
10/26/2016 14:08

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
2,4,6-Trinitrotoluene	1100	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
4-Amino-2,6-dinitrotoluene	220	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:30	EPA 8270D	
Surrogate: 2,2'-Dinitrobiphenyl		79.3 %		48.3-152	10/31/2016	11/01/2016 07:30	EPA 8270D	
Surrogate: Nitrobenzene-d5		96.2 %		72-126	10/31/2016	11/01/2016 07:30	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	97.9	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-153X-TS
N164404-16 (Soil)

Date Sampled
10/26/2016 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
2,4,6-Trinitrotoluene	3800	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
2-Amino-4,6-dinitrotoluene	260	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
4-Amino-2,6-dinitrotoluene	320	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 07:57	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		87.0 %		48.3-152	10/31/2016	11/01/2016 07:57	EPA 8270D	
Surrogate: Nitrobenzene-d5		95.5 %		72-126	10/31/2016	11/01/2016 07:57	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	97.8	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-154X-TS
N164404-17 (Soil)

Date Sampled
10/26/2016 14:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
2,4,6-Trinitrotoluene	250	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
2-Nitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
3-Nitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
4-Nitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 08:25	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

85.5 % 48.3-152

10/31/2016 11/01/2016 08:25

EPA 8270D

Surrogate: Nitrobenzene-d5

98.4 % 72-126

10/31/2016 11/01/2016 08:25

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	97.0	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-155X-TS
N164404-18 (Soil)

Date Sampled
10/26/2016 14:14

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
2,4,6-Trinitrotoluene	520	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
2-Amino-4,6-dinitrotoluene	210	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
4-Amino-2,6-dinitrotoluene	250	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 08:52	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		86.7 %		48.3-152	10/31/2016	11/01/2016 08:52	EPA 8270D	
Surrogate: Nitrobenzene-d5		96.8 %		72-126	10/31/2016	11/01/2016 08:52	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	97.9	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-156X-TS
N164404-19 (Soil)

Date Sampled
10/26/2016 14:08

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
2,4,6-Trinitrotoluene	230	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
2-Nitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
3-Nitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
4-Nitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:20	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		80.1 %		48.3-152	10/31/2016	11/01/2016 09:20	EPA 8270D
Surrogate: Nitrobenzene-d5		94.8 %		72-126	10/31/2016	11/01/2016 09:20	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	97.3	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-157X-TS

Date Sampled
10/26/2016 14:10

N164404-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,3,5-Trinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
2,3-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
2,4,6-Trinitrotoluene	19000	820	ug/kg dry	4	10/31/2016	11/02/2016 13:04	EPA 8270D	D
2,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
2,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
2,6-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
2-Amino-4,6-dinitrotoluene	800	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
2-Nitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
3,4-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
3,5-Dinitroaniline	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
3,5-Dinitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
3-Nitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
4-Amino-2,6-dinitrotoluene	830	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
4-Nitrotoluene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
Nitrobenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	210	ug/kg dry	1	10/31/2016	11/01/2016 09:47	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		93.7 %		48.3-152	10/31/2016	11/01/2016 09:47	EPA 8270D	
Surrogate: Nitrobenzene-d5		97.2 %		72-126	10/31/2016	11/01/2016 09:47	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	97.3	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-158X-TS
N164404-21 (Soil)

Date Sampled
10/26/2016 14:15

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
2,4,6-Trinitrotoluene	2100	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
2-Amino-4,6-dinitrotoluene	270	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
4-Amino-2,6-dinitrotoluene	370	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:14	EPA 8270D	
Surrogate: 2,2'-Dinitrophenyl		86.0 %		48.3-152	10/31/2016	11/01/2016 10:14	EPA 8270D	
Surrogate: Nitrobenzene-d5		99.4 %		72-126	10/31/2016	11/01/2016 10:14	EPA 8270D	

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.8	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-159X-TS
N164404-22 (Soil)

Date Sampled
10/26/2016 14:17

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
2,4,6-Trinitrotoluene	240	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 10:42	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	85.2 %	48.3-152	10/31/2016	11/01/2016 10:42	EPA 8270D
Surrogate: Nitrobenzene-d5	97.2 %	72-126	10/31/2016	11/01/2016 10:42	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.6	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-160X-TS
N164404-23 (Soil)

Date Sampled
10/26/2016 14:20

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
2,4,6-Trinitrotoluene	370	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:09	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	78.4 %	48.3-152	10/31/2016	11/01/2016 11:09	EPA 8270D
Surrogate: Nitrobenzene-d5	97.9 %	72-126	10/31/2016	11/01/2016 11:09	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	97.9	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-161X-TS
N164404-24 (Soil)

Date Sampled
10/26/2016 14:22

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610049

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
2,4,6-Trinitrotoluene	1000	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
4-Amino-2,6-dinitrotoluene	200	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 11:36	EPA 8270D	

Surrogate: 2,2'-Dinitrophenyl

81.1 % 48.3-152

10/31/2016

11/01/2016 11:36

EPA 8270D

Surrogate: Nitrobenzene-d5

96.6 % 72-126

10/31/2016

11/01/2016 11:36

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610047

% Solids	98.6	0.00	% by Weight	1	10/31/2016	11/01/2016 09:27	SM 2540B	
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2525 Advance Road
Madison, WI 53718
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500 West Jefferson St, Ste 1600
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-162X-TS
N164404-25 (Soil)

Date Sampled
10/26/2016 14:25

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:09	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		73.8 %	48.3-152		10/31/2016	11/01/2016 17:09	EPA 8270D
Surrogate: Nitrobenzene-d5		98.0 %	72-126		10/31/2016	11/01/2016 17:09	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	99.0	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-163X-TS
N164404-26 (Soil)

Date Sampled
10/26/2016 14:27

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 17:36	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		72.6 %	48.3-152		10/31/2016	11/01/2016 17:36	EPA 8270D
Surrogate: Nitrobenzene-d5		99.2 %	72-126		10/31/2016	11/01/2016 17:36	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	98.9	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-163X-TS-D

N164404-27 (Soil)

Date Sampled
10/26/2016 14:27

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:04	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

73.1 % 48.3-152

10/31/2016 11/01/2016 18:04

EPA 8270D

Surrogate: Nitrobenzene-d5

97.0 % 72-126

10/31/2016 11/01/2016 18:04

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	98.9	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-164X-TS
N164404-28 (Soil)

Date Sampled
10/26/2016 14:30

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
2,4,6-Trinitrotoluene	200	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:31	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

72.2 % 48.3-152

10/31/2016

11/01/2016 18:31

EPA 8270D

Surrogate: Nitrobenzene-d5

95.0 % 72-126

10/31/2016

11/01/2016 18:31

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	98.5	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-165X-TS
N164404-29 (Soil)

Date Sampled
10/26/2016 15:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
2,4,6-Trinitrotoluene	340	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 18:58	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

71.3 % 48.3-152

10/31/2016

11/01/2016 18:58

EPA 8270D

Surrogate: Nitrobenzene-d5

94.0 % 72-126

10/31/2016

11/01/2016 18:58

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	98.5	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-166X-TS
N164404-30 (Soil)

Date Sampled
10/26/2016 15:04

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
2,4,6-Trinitrotoluene	300	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:26	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl		71.1 %		48.3-152	10/31/2016	11/01/2016 19:26	EPA 8270D
Surrogate: Nitrobenzene-d5		94.5 %		72-126	10/31/2016	11/01/2016 19:26	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	98.5	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-167X-TS
N164404-31 (Soil)

Date Sampled
10/26/2016 15:06

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
2,4,6-Trinitrotoluene	210	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 19:53	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl

69.8 % 48.3-152

10/31/2016

11/01/2016 19:53

EPA 8270D

Surrogate: Nitrobenzene-d5

94.1 % 72-126

10/31/2016

11/01/2016 19:53

EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	98.6	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-168X-TS
N164404-32 (Soil)

Date Sampled
10/26/2016 15:08

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
2,4,6-Trinitrotoluene	900	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:20	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	74.8 %	48.3-152	10/31/2016	11/01/2016 20:20	EPA 8270D
Surrogate: Nitrobenzene-d5	94.6 %	72-126	10/31/2016	11/01/2016 20:20	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	98.3	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-169X-TS
N164404-33 (Soil)

Date Sampled
10/26/2016 15:10

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 20:47	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl	68.3 %	48.3-152	10/31/2016	11/01/2016 20:47	EPA 8270D
Surrogate: Nitrobenzene-d5	94.8 %	72-126	10/31/2016	11/01/2016 20:47	EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	98.5	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

SITG-161026-170X-TS
N164404-34 (Soil)

Date Sampled
10/26/2016 15:12

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS - Lab #14

Explosive Compounds by EPA Method 8270

Preparation Batch: N610050

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,3,5-Trinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
2,3-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
2,4,6-Trinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
2,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
2,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
2,6-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
2-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
3,4-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
3,5-Dinitroaniline	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
3,5-Dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
3-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
4-Nitrotoluene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
Nitrobenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg dry	1	10/31/2016	11/01/2016 21:15	EPA 8270D	

Surrogate: 2,2'-Dinitrobiphenyl 66.4 % 48.3-152 10/31/2016 11/01/2016 21:15 EPA 8270D

Surrogate: Nitrobenzene-d5 91.3 % 72-126 10/31/2016 11/01/2016 21:15 EPA 8270D

Classical Chemistry Parameters

Preparation Batch: N610048

% Solids	98.7	0.00	% by Weight	1	10/31/2016	11/01/2016 09:32	SM 2540B	
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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610001 - EPA 3570

Blank (N610001-BLK1)

Prepared: 10/07/2016 Analyzed: 10/07/2016 18:35

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	3120		ug/kg wet	3880		80.5	48.3-152			
Surrogate: Nitrobenzene-d5	3950		ug/kg wet	4000		98.7	72-126			

LCS (N610001-BS1)

Prepared: 10/07/2016 Analyzed: 10/07/2016 19:03

1,2-Dimethyl-3,4-Dinitrobenzene	3790	200	ug/kg wet	3956		95.9	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	3500	200	ug/kg wet	3998		87.5	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	3730	200	ug/kg wet	3992		93.5	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	3530	200	ug/kg wet	3992		88.5	79.2-122			
1,3,5-Trinitrobenzene	3290	200	ug/kg wet	4000		82.2	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	3710	200	ug/kg wet	3990		92.9	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	3720	200	ug/kg wet	3992		93.3	82.7-116			
1,3-Dinitrobenzene	3230	200	ug/kg wet	4000		80.8	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	3740	200	ug/kg wet	3956		94.5	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	3710	200	ug/kg wet	3984		93.2	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	3690	200	ug/kg wet	3992		92.5	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	3630	200	ug/kg wet	3984		91.2	80.6-119			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610001 - EPA 3570

LCS (N610001-BS1)

Prepared: 10/07/2016 Analyzed: 10/07/2016 19:03

1,5-Dimethyl-2,4-Dinitrobenzene	3750	200	ug/kg wet	3908		95.8	79.4-120			
2,3-Dinitrotoluene	3740	200	ug/kg wet	4000		93.6	70.3-128			
2,4,6-Trinitrotoluene	3380	200	ug/kg wet	4000		84.5	74.1-139			
2,4-Dinitrotoluene	3470	200	ug/kg wet	4000		86.7	67.8-133			
2,5-Dinitrotoluene	3390	200	ug/kg wet	4000		84.9	76.4-123			
2,6-Dinitrotoluene	3670	200	ug/kg wet	4000		91.8	79.5-120			
2-Amino-4,6-dinitrotoluene	3710	200	ug/kg wet	4000		92.6	60.5-138			
2-Nitrotoluene	3660	200	ug/kg wet	4000		91.6	77.7-117			
3,4-Dinitrotoluene	3620	200	ug/kg wet	4000		90.6	81.2-120			
3,5-Dinitroaniline	3570	200	ug/kg wet	4000		89.3	53.2-145			
3,5-Dinitrotoluene	3590	200	ug/kg wet	4000		89.7	81-122			
3-Nitrotoluene	3630	200	ug/kg wet	4000		90.7	82.5-114			
4-Amino-2,6-dinitrotoluene	3520	200	ug/kg wet	4000		87.9	64.1-133			
4-Nitrotoluene	3680	200	ug/kg wet	4000		92.0	83.6-112			
Nitrobenzene	3700	200	ug/kg wet	4000		92.6	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3900</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>100</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3710</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>92.9</i>	<i>72-126</i>			

Matrix Spike (N610001-MS1)

Source: N164102-04

Prepared: 10/07/2016 Analyzed: 10/08/2016 09:11

1,2-Dimethyl-3,4-Dinitrobenzene	3700	200	ug/kg dry	3985	ND	92.8	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	3480	200	ug/kg dry	4028	ND	86.4	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	3500	200	ug/kg dry	4021	ND	87.1	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	3540	200	ug/kg dry	4021	ND	88.1	62.8-131			
1,3,5-Trinitrobenzene	2960	200	ug/kg dry	4029	ND	73.4	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	3560	200	ug/kg dry	4020	ND	88.5	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	3540	200	ug/kg dry	4021	ND	88.1	75.8-121			
1,3-Dinitrobenzene	2910	200	ug/kg dry	4029	ND	72.2	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	3490	200	ug/kg dry	3985	ND	87.5	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	3560	200	ug/kg dry	4013	ND	88.6	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	3530	200	ug/kg dry	4021	ND	87.8	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	3500	200	ug/kg dry	4013	ND	87.3	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	3400	200	ug/kg dry	3937	ND	86.3	63.6-130			
2,3-Dinitrotoluene	3430	200	ug/kg dry	4029	ND	85.0	46.2-133			
2,4,6-Trinitrotoluene	3320	200	ug/kg dry	4029	ND	82.4	26.1-194			
2,4-Dinitrotoluene	3410	200	ug/kg dry	4029	ND	84.7	66.7-135			
2,5-Dinitrotoluene	3200	200	ug/kg dry	4029	ND	79.3	67.8-128			
2,6-Dinitrotoluene	3470	200	ug/kg dry	4029	ND	86.1	66.1-127			
2-Amino-4,6-dinitrotoluene	3420	200	ug/kg dry	4029	ND	84.9	39-140			
2-Nitrotoluene	3590	200	ug/kg dry	4029	ND	89.1	72-121			
3,4-Dinitrotoluene	3420	200	ug/kg dry	4029	ND	84.9	64.3-124			
3,5-Dinitroaniline	3290	200	ug/kg dry	4029	ND	81.6	33.5-149			
3,5-Dinitrotoluene	3430	200	ug/kg dry	4029	ND	85.0	72.1-128			
3-Nitrotoluene	3520	200	ug/kg dry	4029	ND	87.3	78.3-118			
4-Amino-2,6-dinitrotoluene	3170	200	ug/kg dry	4029	ND	78.7	26.4-153			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610001 - EPA 3570

Matrix Spike (N610001-MS1)	Source: N164102-04			Prepared: 10/07/2016 Analyzed: 10/08/2016 09:11						
4-Nitrotoluene	3590	200	ug/kg dry	4029	ND	89.0	78.6-116			
Nitrobenzene	3470	200	ug/kg dry	4029	ND	86.2	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3560</i>		<i>ug/kg dry</i>	<i>3909</i>		<i>91.0</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3470</i>		<i>ug/kg dry</i>	<i>4029</i>		<i>86.1</i>	<i>72-126</i>			

Matrix Spike Dup (N610001-MSD1)	Source: N164102-04			Prepared: 10/07/2016 Analyzed: 10/08/2016 09:39						
1,2-Dimethyl-3,4-Dinitrobenzene	3660	200	ug/kg dry	3985	ND	91.8	64.4-124	1.02	20	
1,2-Dimethyl-3,5-Dinitrobenzene	3500	200	ug/kg dry	4028	ND	87.0	67.8-131	0.648	20	
1,2-Dimethyl-3,6-Dinitrobenzene	3520	200	ug/kg dry	4021	ND	87.6	72.5-119	0.654	20	
1,2-Dimethyl-4,5-Dinitrobenzene	3490	200	ug/kg dry	4021	ND	86.7	62.8-131	1.57	20	
1,3,5-Trinitrobenzene	3350	200	ug/kg dry	4029	ND	83.0	39.2-186	12.3	20	
1,3-Dimethyl-2,4-Dinitrobenzene	3560	200	ug/kg dry	4020	ND	88.7	70.2-124	0.192	20	
1,3-Dimethyl-2,5-Dinitrobenzene	3470	200	ug/kg dry	4021	ND	86.4	75.8-121	2.03	20	
1,3-Dinitrobenzene	3240	200	ug/kg dry	4029	ND	80.5	58.7-132	10.9	20	
1,4-Dimethyl-2,3-Dinitrobenzene	3450	200	ug/kg dry	3985	ND	86.5	65.6-120	1.22	20	
1,4-Dimethyl-2,5-Dinitrobenzene	3490	200	ug/kg dry	4013	ND	87.0	69.3-127	1.81	20	
1,4-Dimethyl-2,6-Dinitrobenzene	3500	200	ug/kg dry	4021	ND	87.1	72.8-122	0.726	20	
1,5-Dimethyl-2,3-Dinitrobenzene	3550	200	ug/kg dry	4013	ND	88.4	63.4-128	1.28	20	
1,5-Dimethyl-2,4-Dinitrobenzene	3460	200	ug/kg dry	3937	ND	87.9	63.6-130	1.86	20	
2,3-Dinitrotoluene	3410	200	ug/kg dry	4029	ND	84.6	46.2-133	0.479	20	
2,4,6-Trinitrotoluene	3410	200	ug/kg dry	4029	ND	84.7	26.1-194	2.67	20	
2,4-Dinitrotoluene	3420	200	ug/kg dry	4029	ND	84.9	66.7-135	0.225	20	
2,5-Dinitrotoluene	3380	200	ug/kg dry	4029	ND	83.9	67.8-128	5.59	20	
2,6-Dinitrotoluene	3500	200	ug/kg dry	4029	ND	86.9	66.1-127	0.887	20	
2-Amino-4,6-dinitrotoluene	3460	200	ug/kg dry	4029	ND	86.0	39-140	1.29	20	
2-Nitrotoluene	3540	200	ug/kg dry	4029	ND	87.9	72-121	1.38	20	
3,4-Dinitrotoluene	3410	200	ug/kg dry	4029	ND	84.7	64.3-124	0.323	20	
3,5-Dinitroaniline	3470	200	ug/kg dry	4029	ND	86.1	33.5-149	5.37	20	
3,5-Dinitrotoluene	3520	200	ug/kg dry	4029	ND	87.4	72.1-128	2.69	20	
3-Nitrotoluene	3480	200	ug/kg dry	4029	ND	86.5	78.3-118	0.922	20	
4-Amino-2,6-dinitrotoluene	3260	200	ug/kg dry	4029	ND	80.9	26.4-153	2.82	20	
4-Nitrotoluene	3530	200	ug/kg dry	4029	ND	87.6	78.6-116	1.56	20	
Nitrobenzene	3530	200	ug/kg dry	4029	ND	87.5	75.8-113	1.49	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3530</i>		<i>ug/kg dry</i>	<i>3909</i>		<i>90.4</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3530</i>		<i>ug/kg dry</i>	<i>4029</i>		<i>88.2</i>	<i>72-126</i>			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610003 - EPA 3570

Blank (N610003-BLK1)

Prepared: 10/10/2016 Analyzed: 10/11/2016 14:54

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2000		ug/kg wet	3880		51.5	48.3-152			
Surrogate: Nitrobenzene-d5	3870		ug/kg wet	4000		96.6	72-126			

LCS (N610003-BS1)

Prepared: 10/10/2016 Analyzed: 10/10/2016 23:14

1,2-Dimethyl-3,4-Dinitrobenzene	3890	200	ug/kg wet	3956		98.3	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	3980	200	ug/kg wet	3998		99.6	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	3760	200	ug/kg wet	3992		94.2	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	3740	200	ug/kg wet	3992		93.8	79.2-122			
1,3,5-Trinitrobenzene	3610	200	ug/kg wet	4000		90.3	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	3830	200	ug/kg wet	3990		96.1	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	3840	200	ug/kg wet	3992		96.1	82.7-116			
1,3-Dinitrobenzene	3740	200	ug/kg wet	4000		93.5	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	3810	200	ug/kg wet	3956		96.3	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	3800	200	ug/kg wet	3984		95.5	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	3810	200	ug/kg wet	3992		95.4	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	3900	200	ug/kg wet	3984		98.0	80.6-119			



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 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610003 - EPA 3570

LCS (N610003-BS1)

Prepared: 10/10/2016 Analyzed: 10/10/2016 23:14

1,5-Dimethyl-2,4-Dinitrobenzene	3880	200	ug/kg wet	3908		99.4	79.4-120			
2,3-Dinitrotoluene	3870	200	ug/kg wet	4000		96.7	70.3-128			
2,4,6-Trinitrotoluene	3740	200	ug/kg wet	4000		93.4	74.1-139			
2,4-Dinitrotoluene	3660	200	ug/kg wet	4000		91.4	67.8-133			
2,5-Dinitrotoluene	3840	200	ug/kg wet	4000		96.0	76.4-123			
2,6-Dinitrotoluene	3860	200	ug/kg wet	4000		96.6	79.5-120			
2-Amino-4,6-dinitrotoluene	4230	200	ug/kg wet	4000		106	60.5-138			
2-Nitrotoluene	3810	200	ug/kg wet	4000		95.3	77.7-117			
3,4-Dinitrotoluene	3770	200	ug/kg wet	4000		94.4	81.2-120			
3,5-Dinitroaniline	3770	200	ug/kg wet	4000		94.1	53.2-145			
3,5-Dinitrotoluene	3860	200	ug/kg wet	4000		96.4	81-122			
3-Nitrotoluene	3790	200	ug/kg wet	4000		94.7	82.5-114			
4-Amino-2,6-dinitrotoluene	4370	200	ug/kg wet	4000		109	64.1-133			
4-Nitrotoluene	3850	200	ug/kg wet	4000		96.3	83.6-112			
Nitrobenzene	3690	200	ug/kg wet	4000		92.2	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3810</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>98.2</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3670</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>91.7</i>	<i>72-126</i>			

Matrix Spike (N610003-MS1)

Source: N164102-23

Prepared: 10/10/2016 Analyzed: 10/11/2016 00:32

1,2-Dimethyl-3,4-Dinitrobenzene	3830	200	ug/kg dry	3978	ND	96.2	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	3840	200	ug/kg dry	4021	ND	95.4	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	3660	200	ug/kg dry	4015	ND	91.1	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	3660	200	ug/kg dry	4015	ND	91.2	62.8-131			
1,3,5-Trinitrobenzene	3280	200	ug/kg dry	4023	ND	81.5	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	3690	200	ug/kg dry	4013	ND	92.0	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	3690	200	ug/kg dry	4015	ND	91.9	75.8-121			
1,3-Dinitrobenzene	3290	200	ug/kg dry	4023	ND	81.8	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	3620	200	ug/kg dry	3978	ND	91.1	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	3650	200	ug/kg dry	4007	ND	91.1	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	3650	200	ug/kg dry	4015	ND	90.9	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	3770	200	ug/kg dry	4007	ND	94.1	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	3680	200	ug/kg dry	3930	ND	93.7	63.6-130			
2,3-Dinitrotoluene	3240	200	ug/kg dry	4023	ND	80.7	46.2-133			
2,4,6-Trinitrotoluene	4700	200	ug/kg dry	4023	286	110	26.1-194			
2,4-Dinitrotoluene	4030	200	ug/kg dry	4023	ND	100	66.7-135			
2,5-Dinitrotoluene	3590	200	ug/kg dry	4023	ND	89.3	67.8-128			
2,6-Dinitrotoluene	3640	200	ug/kg dry	4023	ND	90.5	66.1-127			
2-Amino-4,6-dinitrotoluene	3590	200	ug/kg dry	4023	ND	89.1	39-140			
2-Nitrotoluene	3630	200	ug/kg dry	4023	ND	90.2	72-121			
3,4-Dinitrotoluene	3560	200	ug/kg dry	4023	ND	88.5	64.3-124			
3,5-Dinitroaniline	2960	200	ug/kg dry	4023	ND	73.7	33.5-149			
3,5-Dinitrotoluene	3600	200	ug/kg dry	4023	ND	89.5	72.1-128			
3-Nitrotoluene	3580	200	ug/kg dry	4023	ND	89.1	78.3-118			
4-Amino-2,6-dinitrotoluene	3500	200	ug/kg dry	4023	ND	87.1	26.4-153			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610003 - EPA 3570

Matrix Spike (N610003-MS1)	Source: N164102-23			Prepared: 10/10/2016 Analyzed: 10/11/2016 00:32						
4-Nitrotoluene	3640	200	ug/kg dry	4023	ND	90.6	78.6-116			
Nitrobenzene	3520	200	ug/kg dry	4023	ND	87.4	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3610</i>		<i>ug/kg dry</i>	<i>3902</i>		<i>92.6</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3490</i>		<i>ug/kg dry</i>	<i>4023</i>		<i>86.9</i>	<i>72-126</i>			

Matrix Spike Dup (N610003-MSD1)	Source: N164102-23			Prepared: 10/10/2016 Analyzed: 10/11/2016 00:58						
1,2-Dimethyl-3,4-Dinitrobenzene	3900	200	ug/kg dry	3978	ND	98.1	64.4-124	2.04	20	
1,2-Dimethyl-3,5-Dinitrobenzene	3880	200	ug/kg dry	4021	ND	96.6	67.8-131	1.20	20	
1,2-Dimethyl-3,6-Dinitrobenzene	3820	200	ug/kg dry	4015	ND	95.2	72.5-119	4.44	20	
1,2-Dimethyl-4,5-Dinitrobenzene	3730	200	ug/kg dry	4015	ND	93.0	62.8-131	1.99	20	
1,3,5-Trinitrobenzene	3510	200	ug/kg dry	4023	ND	87.4	39.2-186	6.94	20	
1,3-Dimethyl-2,4-Dinitrobenzene	3880	200	ug/kg dry	4013	ND	96.7	70.2-124	5.04	20	
1,3-Dimethyl-2,5-Dinitrobenzene	3860	200	ug/kg dry	4015	ND	96.2	75.8-121	4.57	20	
1,3-Dinitrobenzene	3770	200	ug/kg dry	4023	ND	93.7	58.7-132	13.5	20	
1,4-Dimethyl-2,3-Dinitrobenzene	3810	200	ug/kg dry	3978	ND	95.6	65.6-120	4.86	20	
1,4-Dimethyl-2,5-Dinitrobenzene	3820	200	ug/kg dry	4007	ND	95.2	69.3-127	4.45	20	
1,4-Dimethyl-2,6-Dinitrobenzene	3850	200	ug/kg dry	4015	ND	96.0	72.8-122	5.48	20	
1,5-Dimethyl-2,3-Dinitrobenzene	3890	200	ug/kg dry	4007	ND	97.0	63.4-128	3.02	20	
1,5-Dimethyl-2,4-Dinitrobenzene	3890	200	ug/kg dry	3930	ND	99.1	63.6-130	5.61	20	
2,3-Dinitrotoluene	4110	200	ug/kg dry	4023	ND	102	46.2-133	23.5	20	X
2,4,6-Trinitrotoluene	4860	200	ug/kg dry	4023	286	114	26.1-194	3.39	20	
2,4-Dinitrotoluene	3570	200	ug/kg dry	4023	ND	88.8	66.7-135	12.0	20	
2,5-Dinitrotoluene	3910	200	ug/kg dry	4023	ND	97.3	67.8-128	8.52	20	
2,6-Dinitrotoluene	3900	200	ug/kg dry	4023	ND	97.1	66.1-127	7.05	20	
2-Amino-4,6-dinitrotoluene	3760	200	ug/kg dry	4023	ND	93.4	39-140	4.68	20	
2-Nitrotoluene	3820	200	ug/kg dry	4023	ND	95.0	72-121	5.26	20	
3,4-Dinitrotoluene	3810	200	ug/kg dry	4023	ND	94.8	64.3-124	6.84	20	
3,5-Dinitroaniline	3110	200	ug/kg dry	4023	ND	77.4	33.5-149	4.92	20	
3,5-Dinitrotoluene	3830	200	ug/kg dry	4023	ND	95.2	72.1-128	6.16	20	
3-Nitrotoluene	3810	200	ug/kg dry	4023	ND	94.8	78.3-118	6.26	20	
4-Amino-2,6-dinitrotoluene	3720	200	ug/kg dry	4023	ND	92.4	26.4-153	5.98	20	
4-Nitrotoluene	3820	200	ug/kg dry	4023	ND	95.0	78.6-116	4.78	20	
Nitrobenzene	3700	200	ug/kg dry	4023	ND	92.0	75.8-113	5.04	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3780</i>		<i>ug/kg dry</i>	<i>3902</i>		<i>96.8</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3690</i>		<i>ug/kg dry</i>	<i>4023</i>		<i>91.7</i>	<i>72-126</i>			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610005 - EPA 3570

Blank (N610005-BLK1)

Prepared: 10/11/2016 Analyzed: 10/12/2016 17:00

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2540		ug/kg wet	3880		65.4	48.3-152			
Surrogate: Nitrobenzene-d5	3830		ug/kg wet	4000		95.7	72-126			

LCS (N610005-BS1)

Prepared: 10/11/2016 Analyzed: 10/12/2016 17:28

1,2-Dimethyl-3,4-Dinitrobenzene	3880	200	ug/kg wet	3956		98.2	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	4110	200	ug/kg wet	3998		103	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	3960	200	ug/kg wet	3992		99.1	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	3950	200	ug/kg wet	3992		99.0	79.2-122			
1,3,5-Trinitrobenzene	3390	200	ug/kg wet	4000		84.6	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	3850	200	ug/kg wet	3990		96.5	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	3960	200	ug/kg wet	3992		99.2	82.7-116			
1,3-Dinitrobenzene	3370	200	ug/kg wet	4000		84.1	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	3850	200	ug/kg wet	3956		97.4	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	3950	200	ug/kg wet	3984		99.2	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	3980	200	ug/kg wet	3992		99.7	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	4030	200	ug/kg wet	3984		101	80.6-119			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610005 - EPA 3570

LCS (N610005-BS1)

Prepared: 10/11/2016 Analyzed: 10/12/2016 17:28

1,5-Dimethyl-2,4-Dinitrobenzene	4090	200	ug/kg wet	3908		105	79.4-120			
2,3-Dinitrotoluene	3560	200	ug/kg wet	4000		89.1	70.3-128			
2,4,6-Trinitrotoluene	4210	200	ug/kg wet	4000		105	74.1-139			
2,4-Dinitrotoluene	4380	200	ug/kg wet	4000		109	67.8-133			
2,5-Dinitrotoluene	3710	200	ug/kg wet	4000		92.6	76.4-123			
2,6-Dinitrotoluene	3930	200	ug/kg wet	4000		98.1	79.5-120			
2-Amino-4,6-dinitrotoluene	3740	200	ug/kg wet	4000		93.5	60.5-138			
2-Nitrotoluene	3740	200	ug/kg wet	4000		93.4	77.7-117			
3,4-Dinitrotoluene	4010	200	ug/kg wet	4000		100	81.2-120			
3,5-Dinitroaniline	3960	200	ug/kg wet	4000		99.1	53.2-145			
3,5-Dinitrotoluene	3930	200	ug/kg wet	4000		98.3	81-122			
3-Nitrotoluene	3740	200	ug/kg wet	4000		93.6	82.5-114			
4-Amino-2,6-dinitrotoluene	3580	200	ug/kg wet	4000		89.4	64.1-133			
4-Nitrotoluene	3770	200	ug/kg wet	4000		94.3	83.6-112			
Nitrobenzene	3750	200	ug/kg wet	4000		93.7	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3950</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>102</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3640</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>91.1</i>	<i>72-126</i>			

Matrix Spike (N610005-MS1)

Source: N164103-20

Prepared: 10/11/2016 Analyzed: 10/12/2016 18:23

1,2-Dimethyl-3,4-Dinitrobenzene	3990	200	ug/kg dry	4000	ND	99.7	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	4140	200	ug/kg dry	4043	ND	102	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	3950	200	ug/kg dry	4037	ND	97.9	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	4130	200	ug/kg dry	4037	ND	102	62.8-131			
1,3,5-Trinitrobenzene	3430	200	ug/kg dry	4045	ND	84.7	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	3870	200	ug/kg dry	4035	ND	95.9	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	4020	200	ug/kg dry	4037	ND	99.5	75.8-121			
1,3-Dinitrobenzene	3400	200	ug/kg dry	4045	ND	84.0	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	3710	200	ug/kg dry	4000	ND	92.8	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	4020	200	ug/kg dry	4029	ND	99.7	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	4050	200	ug/kg dry	4037	ND	100	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	4050	200	ug/kg dry	4029	ND	100	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	4080	200	ug/kg dry	3952	ND	103	63.6-130			
2,3-Dinitrotoluene	3830	200	ug/kg dry	4045	ND	94.6	46.2-133			
2,4,6-Trinitrotoluene	4420	200	ug/kg dry	4045	239	103	26.1-194			
2,4-Dinitrotoluene	4810	200	ug/kg dry	4045	510	106	66.7-135			
2,5-Dinitrotoluene	3770	200	ug/kg dry	4045	ND	93.3	67.8-128			
2,6-Dinitrotoluene	3940	200	ug/kg dry	4045	ND	97.5	66.1-127			
2-Amino-4,6-dinitrotoluene	3720	200	ug/kg dry	4045	172	87.6	39-140			
2-Nitrotoluene	3840	200	ug/kg dry	4045	ND	94.8	72-121			
3,4-Dinitrotoluene	3860	200	ug/kg dry	4045	ND	95.4	64.3-124			
3,5-Dinitroaniline	3880	200	ug/kg dry	4045	ND	95.9	33.5-149			
3,5-Dinitrotoluene	4000	200	ug/kg dry	4045	ND	98.8	72.1-128			
3-Nitrotoluene	3840	200	ug/kg dry	4045	ND	94.9	78.3-118			
4-Amino-2,6-dinitrotoluene	3570	200	ug/kg dry	4045	168	84.0	26.4-153			



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ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610005 - EPA 3570

Matrix Spike (N610005-MS1)	Source: N164103-20			Prepared: 10/11/2016 Analyzed: 10/12/2016 18:23						
4-Nitrotoluene	3860	200	ug/kg dry	4045	ND	95.4	78.6-116			
Nitrobenzene	3770	200	ug/kg dry	4045	ND	93.1	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3880</i>		<i>ug/kg dry</i>	<i>3924</i>		<i>99.0</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3760</i>		<i>ug/kg dry</i>	<i>4045</i>		<i>93.0</i>	<i>72-126</i>			

Matrix Spike Dup (N610005-MSD1)	Source: N164103-20			Prepared: 10/11/2016 Analyzed: 10/12/2016 18:50						
1,2-Dimethyl-3,4-Dinitrobenzene	4100	200	ug/kg dry	4000	ND	102	64.4-124	2.74	20	
1,2-Dimethyl-3,5-Dinitrobenzene	4400	200	ug/kg dry	4043	ND	109	67.8-131	5.94	20	
1,2-Dimethyl-3,6-Dinitrobenzene	4070	200	ug/kg dry	4037	ND	101	72.5-119	2.85	20	
1,2-Dimethyl-4,5-Dinitrobenzene	4250	200	ug/kg dry	4037	ND	105	62.8-131	2.83	20	
1,3,5-Trinitrobenzene	3650	200	ug/kg dry	4045	ND	90.2	39.2-186	6.29	20	
1,3-Dimethyl-2,4-Dinitrobenzene	4060	200	ug/kg dry	4035	ND	101	70.2-124	4.74	20	
1,3-Dimethyl-2,5-Dinitrobenzene	4160	200	ug/kg dry	4037	ND	103	75.8-121	3.59	20	
1,3-Dinitrobenzene	3740	200	ug/kg dry	4045	ND	92.5	58.7-132	9.61	20	
1,4-Dimethyl-2,3-Dinitrobenzene	3760	200	ug/kg dry	4000	ND	93.9	65.6-120	1.24	20	
1,4-Dimethyl-2,5-Dinitrobenzene	4000	200	ug/kg dry	4029	ND	99.4	69.3-127	0.308	20	
1,4-Dimethyl-2,6-Dinitrobenzene	4070	200	ug/kg dry	4037	ND	101	72.8-122	0.324	20	
1,5-Dimethyl-2,3-Dinitrobenzene	4180	200	ug/kg dry	4029	ND	104	63.4-128	3.18	20	
1,5-Dimethyl-2,4-Dinitrobenzene	4160	200	ug/kg dry	3952	ND	105	63.6-130	2.11	20	
2,3-Dinitrotoluene	4020	200	ug/kg dry	4045	ND	99.3	46.2-133	4.89	20	
2,4,6-Trinitrotoluene	4800	200	ug/kg dry	4045	239	113	26.1-194	8.51	20	
2,4-Dinitrotoluene	5110	200	ug/kg dry	4045	510	114	66.7-135	6.84	20	
2,5-Dinitrotoluene	4000	200	ug/kg dry	4045	ND	98.8	67.8-128	5.70	20	
2,6-Dinitrotoluene	4120	200	ug/kg dry	4045	ND	102	66.1-127	4.34	20	
2-Amino-4,6-dinitrotoluene	3840	200	ug/kg dry	4045	172	90.7	39-140	3.44	20	
2-Nitrotoluene	3950	200	ug/kg dry	4045	ND	97.6	72-121	2.84	20	
3,4-Dinitrotoluene	4010	200	ug/kg dry	4045	ND	99.2	64.3-124	3.95	20	
3,5-Dinitroaniline	4050	200	ug/kg dry	4045	ND	100	33.5-149	4.39	20	
3,5-Dinitrotoluene	4160	200	ug/kg dry	4045	ND	103	72.1-128	4.07	20	
3-Nitrotoluene	3990	200	ug/kg dry	4045	ND	98.7	78.3-118	3.89	20	
4-Amino-2,6-dinitrotoluene	3750	200	ug/kg dry	4045	168	88.7	26.4-153	5.33	20	
4-Nitrotoluene	3980	200	ug/kg dry	4045	ND	98.4	78.6-116	3.06	20	
Nitrobenzene	3900	200	ug/kg dry	4045	ND	96.4	75.8-113	3.47	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4010</i>		<i>ug/kg dry</i>	<i>3924</i>		<i>102</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3910</i>		<i>ug/kg dry</i>	<i>4045</i>		<i>96.7</i>	<i>72-126</i>			



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610007 - EPA 3570

Blank (N610007-BLK1)

Prepared: 10/12/2016 Analyzed: 10/13/2016 08:31

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	3320		ug/kg wet	3880		85.5	48.3-152			
Surrogate: Nitrobenzene-d5	4030		ug/kg wet	4000		101	72-126			

LCS (N610007-BS1)

Prepared: 10/12/2016 Analyzed: 10/13/2016 08:58

1,2-Dimethyl-3,4-Dinitrobenzene	4320	200	ug/kg wet	3956		109	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	4510	200	ug/kg wet	3998		113	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	4260	200	ug/kg wet	3992		107	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	4230	200	ug/kg wet	3992		106	79.2-122			
1,3,5-Trinitrobenzene	4440	200	ug/kg wet	4000		111	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	4200	200	ug/kg wet	3990		105	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	4220	200	ug/kg wet	3992		106	82.7-116			
1,3-Dinitrobenzene	3950	200	ug/kg wet	4000		98.8	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	3920	200	ug/kg wet	3956		99.1	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	4200	200	ug/kg wet	3984		105	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	4250	200	ug/kg wet	3992		106	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	4320	200	ug/kg wet	3984		109	80.6-119			



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 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610007 - EPA 3570

LCS (N610007-BS1)

Prepared: 10/12/2016 Analyzed: 10/13/2016 08:58

1,5-Dimethyl-2,4-Dinitrobenzene	4340	200	ug/kg wet	3908		111	79.4-120			
2,3-Dinitrotoluene	3890	200	ug/kg wet	4000		97.2	70.3-128			
2,4,6-Trinitrotoluene	5000	200	ug/kg wet	4000		125	74.1-139			
2,4-Dinitrotoluene	4780	200	ug/kg wet	4000		120	67.8-133			
2,5-Dinitrotoluene	4190	200	ug/kg wet	4000		105	76.4-123			
2,6-Dinitrotoluene	4300	200	ug/kg wet	4000		107	79.5-120			
2-Amino-4,6-dinitrotoluene	4520	200	ug/kg wet	4000		113	60.5-138			
2-Nitrotoluene	3890	200	ug/kg wet	4000		97.3	77.7-117			
3,4-Dinitrotoluene	4260	200	ug/kg wet	4000		106	81.2-120			
3,5-Dinitroaniline	4370	200	ug/kg wet	4000		109	53.2-145			
3,5-Dinitrotoluene	4400	200	ug/kg wet	4000		110	81-122			
3-Nitrotoluene	3930	200	ug/kg wet	4000		98.2	82.5-114			
4-Amino-2,6-dinitrotoluene	4420	200	ug/kg wet	4000		110	64.1-133			
4-Nitrotoluene	3930	200	ug/kg wet	4000		98.3	83.6-112			
Nitrobenzene	3880	200	ug/kg wet	4000		97.0	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4450</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>115</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3840</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>96.0</i>	<i>72-126</i>			

Matrix Spike (N610007-MS1)

Source: N164103-21

Prepared: 10/12/2016 Analyzed: 10/13/2016 09:53

1,2-Dimethyl-3,4-Dinitrobenzene	4370	200	ug/kg dry	3985	ND	110	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	4680	200	ug/kg dry	4028	ND	116	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	4340	200	ug/kg dry	4021	ND	108	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	4470	200	ug/kg dry	4021	ND	111	62.8-131			
1,3,5-Trinitrobenzene	4650	200	ug/kg dry	4029	ND	116	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	4290	200	ug/kg dry	4020	ND	107	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	4410	200	ug/kg dry	4021	ND	110	75.8-121			
1,3-Dinitrobenzene	4080	200	ug/kg dry	4029	ND	101	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	4060	200	ug/kg dry	3985	ND	102	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	4270	200	ug/kg dry	4013	ND	107	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	4380	200	ug/kg dry	4021	ND	109	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	4450	200	ug/kg dry	4013	ND	111	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	4530	200	ug/kg dry	3937	ND	115	63.6-130			
2,3-Dinitrotoluene	3880	200	ug/kg dry	4029	ND	96.3	46.2-133			
2,4,6-Trinitrotoluene	5100	200	ug/kg dry	4029	ND	127	26.1-194			
2,4-Dinitrotoluene	5050	200	ug/kg dry	4029	142	122	66.7-135			
2,5-Dinitrotoluene	4310	200	ug/kg dry	4029	ND	107	67.8-128			
2,6-Dinitrotoluene	4460	200	ug/kg dry	4029	ND	111	66.1-127			
2-Amino-4,6-dinitrotoluene	4480	200	ug/kg dry	4029	ND	111	39-140			
2-Nitrotoluene	3980	200	ug/kg dry	4029	ND	98.7	72-121			
3,4-Dinitrotoluene	4420	200	ug/kg dry	4029	ND	110	64.3-124			
3,5-Dinitroaniline	4270	200	ug/kg dry	4029	ND	106	33.5-149			
3,5-Dinitrotoluene	4590	200	ug/kg dry	4029	ND	114	72.1-128			
3-Nitrotoluene	4000	200	ug/kg dry	4029	ND	99.3	78.3-118			
4-Amino-2,6-dinitrotoluene	4560	200	ug/kg dry	4029	ND	113	26.4-153			



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Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610007 - EPA 3570

Matrix Spike (N610007-MS1)	Source: N164103-21			Prepared: 10/12/2016 Analyzed: 10/13/2016 09:53						
4-Nitrotoluene	4000	200	ug/kg dry	4029	ND	99.3	78.6-116			
Nitrobenzene	3960	200	ug/kg dry	4029	ND	98.2	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4410</i>		<i>ug/kg dry</i>	<i>3908</i>		<i>113</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3960</i>		<i>ug/kg dry</i>	<i>4029</i>		<i>98.2</i>	<i>72-126</i>			

Matrix Spike Dup (N610007-MSD1)	Source: N164103-21			Prepared: 10/12/2016 Analyzed: 10/13/2016 10:20						
1,2-Dimethyl-3,4-Dinitrobenzene	4470	200	ug/kg dry	3985	ND	112	64.4-124	2.29	20	
1,2-Dimethyl-3,5-Dinitrobenzene	4840	200	ug/kg dry	4028	ND	120	67.8-131	3.28	20	
1,2-Dimethyl-3,6-Dinitrobenzene	4500	200	ug/kg dry	4021	ND	112	72.5-119	3.54	20	
1,2-Dimethyl-4,5-Dinitrobenzene	4620	200	ug/kg dry	4021	ND	115	62.8-131	3.36	20	
1,3,5-Trinitrobenzene	4890	200	ug/kg dry	4029	ND	121	39.2-186	4.85	20	
1,3-Dimethyl-2,4-Dinitrobenzene	4440	200	ug/kg dry	4020	ND	110	70.2-124	3.43	20	
1,3-Dimethyl-2,5-Dinitrobenzene	4580	200	ug/kg dry	4021	ND	114	75.8-121	3.84	20	
1,3-Dinitrobenzene	4520	200	ug/kg dry	4029	ND	112	58.7-132	10.3	20	
1,4-Dimethyl-2,3-Dinitrobenzene	4130	200	ug/kg dry	3985	ND	104	65.6-120	1.79	20	
1,4-Dimethyl-2,5-Dinitrobenzene	4430	200	ug/kg dry	4013	ND	111	69.3-127	3.69	20	
1,4-Dimethyl-2,6-Dinitrobenzene	4500	200	ug/kg dry	4021	ND	112	72.8-122	2.74	20	
1,5-Dimethyl-2,3-Dinitrobenzene	4510	200	ug/kg dry	4013	ND	112	63.4-128	1.38	20	
1,5-Dimethyl-2,4-Dinitrobenzene	4700	200	ug/kg dry	3937	ND	119	63.6-130	3.71	20	
2,3-Dinitrotoluene	4030	200	ug/kg dry	4029	ND	100	46.2-133	3.94	20	
2,4,6-Trinitrotoluene	5320	200	ug/kg dry	4029	ND	132	26.1-194	4.12	20	
2,4-Dinitrotoluene	5400	200	ug/kg dry	4029	142	130	66.7-135	6.90	20	
2,5-Dinitrotoluene	4540	200	ug/kg dry	4029	ND	113	67.8-128	5.23	20	
2,6-Dinitrotoluene	4740	200	ug/kg dry	4029	ND	118	66.1-127	6.25	20	
2-Amino-4,6-dinitrotoluene	4290	200	ug/kg dry	4029	ND	106	39-140	4.51	20	
2-Nitrotoluene	4200	200	ug/kg dry	4029	ND	104	72-121	5.41	20	
3,4-Dinitrotoluene	4570	200	ug/kg dry	4029	ND	113	64.3-124	3.44	20	
3,5-Dinitroaniline	4080	200	ug/kg dry	4029	ND	101	33.5-149	4.49	20	
3,5-Dinitrotoluene	4810	200	ug/kg dry	4029	ND	119	72.1-128	4.65	20	
3-Nitrotoluene	4190	200	ug/kg dry	4029	ND	104	78.3-118	4.63	20	
4-Amino-2,6-dinitrotoluene	4070	200	ug/kg dry	4029	ND	101	26.4-153	11.4	20	
4-Nitrotoluene	4200	200	ug/kg dry	4029	ND	104	78.6-116	4.73	20	
Nitrobenzene	4200	200	ug/kg dry	4029	ND	104	75.8-113	5.84	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4270</i>		<i>ug/kg dry</i>	<i>3908</i>		<i>109</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4210</i>		<i>ug/kg dry</i>	<i>4029</i>		<i>105</i>	<i>72-126</i>			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610009 - EPA 3570

Blank (N610009-BLK1)

Prepared: 10/13/2016 Analyzed: 10/13/2016 22:55

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	3120		ug/kg wet	3880		80.3	48.3-152			
Surrogate: Nitrobenzene-d5	4290		ug/kg wet	4000		107	72-126			

LCS (N610009-BS1)

Prepared: 10/13/2016 Analyzed: 10/13/2016 23:23

1,2-Dimethyl-3,4-Dinitrobenzene	4480	200	ug/kg wet	3956		113	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	4750	200	ug/kg wet	3998		119	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	4390	200	ug/kg wet	3992		110	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	4810	200	ug/kg wet	3992		120	79.2-122			
1,3,5-Trinitrobenzene	4590	200	ug/kg wet	4000		115	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	4300	200	ug/kg wet	3990		108	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	4340	200	ug/kg wet	3992		109	82.7-116			
1,3-Dinitrobenzene	4070	200	ug/kg wet	4000		102	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	4000	200	ug/kg wet	3956		101	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	4200	200	ug/kg wet	3984		106	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	4340	200	ug/kg wet	3992		109	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	4450	200	ug/kg wet	3984		112	80.6-119			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610009 - EPA 3570

LCS (N610009-BS1)

Prepared: 10/13/2016 Analyzed: 10/13/2016 23:23

1,5-Dimethyl-2,4-Dinitrobenzene	4500	200	ug/kg wet	3908		115	79.4-120			
2,3-Dinitrotoluene	4370	200	ug/kg wet	4000		109	70.3-128			
2,4,6-Trinitrotoluene	5070	200	ug/kg wet	4000		127	74.1-139			
2,4-Dinitrotoluene	4460	200	ug/kg wet	4000		112	67.8-133			
2,5-Dinitrotoluene	4370	200	ug/kg wet	4000		109	76.4-123			
2,6-Dinitrotoluene	4460	200	ug/kg wet	4000		111	79.5-120			
2-Amino-4,6-dinitrotoluene	4550	200	ug/kg wet	4000		114	60.5-138			
2-Nitrotoluene	4110	200	ug/kg wet	4000		103	77.7-117			
3,4-Dinitrotoluene	4380	200	ug/kg wet	4000		110	81.2-120			
3,5-Dinitroaniline	4690	200	ug/kg wet	4000		117	53.2-145			
3,5-Dinitrotoluene	4660	200	ug/kg wet	4000		116	81-122			
3-Nitrotoluene	3990	200	ug/kg wet	4000		99.9	82.5-114			
4-Amino-2,6-dinitrotoluene	4380	200	ug/kg wet	4000		109	64.1-133			
4-Nitrotoluene	4020	200	ug/kg wet	4000		101	83.6-112			
Nitrobenzene	4010	200	ug/kg wet	4000		100	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4540</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>117</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3970</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>99.3</i>	<i>72-126</i>			

Matrix Spike (N610009-MS1)

Source: N164104-19

Prepared: 10/13/2016 Analyzed: 10/14/2016 00:18

1,2-Dimethyl-3,4-Dinitrobenzene	4650	200	ug/kg dry	4000	ND	116	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	4870	200	ug/kg dry	4043	ND	120	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	4500	200	ug/kg dry	4036	ND	112	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	4890	200	ug/kg dry	4036	ND	121	62.8-131			
1,3,5-Trinitrobenzene	5110	200	ug/kg dry	4045	ND	126	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	4530	200	ug/kg dry	4035	ND	112	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	4580	200	ug/kg dry	4036	ND	113	75.8-121			
1,3-Dinitrobenzene	4450	200	ug/kg dry	4045	ND	110	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	4050	200	ug/kg dry	4000	ND	101	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	4400	200	ug/kg dry	4028	ND	109	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	4590	200	ug/kg dry	4036	ND	114	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	4660	200	ug/kg dry	4028	ND	116	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	4700	200	ug/kg dry	3952	ND	119	63.6-130			
2,3-Dinitrotoluene	4600	200	ug/kg dry	4045	ND	114	46.2-133			
2,4,6-Trinitrotoluene	5790	200	ug/kg dry	4045	226	138	26.1-194			
2,4-Dinitrotoluene	4510	200	ug/kg dry	4045	ND	112	66.7-135			
2,5-Dinitrotoluene	4670	200	ug/kg dry	4045	ND	116	67.8-128			
2,6-Dinitrotoluene	4670	200	ug/kg dry	4045	ND	116	66.1-127			
2-Amino-4,6-dinitrotoluene	4830	200	ug/kg dry	4045	ND	120	39-140			
2-Nitrotoluene	4170	200	ug/kg dry	4045	ND	103	72-121			
3,4-Dinitrotoluene	4510	200	ug/kg dry	4045	ND	112	64.3-124			
3,5-Dinitroaniline	4900	200	ug/kg dry	4045	ND	121	33.5-149			
3,5-Dinitrotoluene	4900	200	ug/kg dry	4045	ND	121	72.1-128			
3-Nitrotoluene	4230	200	ug/kg dry	4045	ND	105	78.3-118			
4-Amino-2,6-dinitrotoluene	4720	200	ug/kg dry	4045	ND	117	26.4-153			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610009 - EPA 3570

Matrix Spike (N610009-MS1)	Source: N164104-19			Prepared: 10/13/2016 Analyzed: 10/14/2016 00:18						
4-Nitrotoluene	4210	200	ug/kg dry	4045	ND	104	78.6-116			
Nitrobenzene	4180	200	ug/kg dry	4045	ND	103	75.8-113			
Surrogate: 2,2'-Dinitrobiphenyl	4600		ug/kg dry	3923		117	48.3-152			
Surrogate: Nitrobenzene-d5	4180		ug/kg dry	4045		103	72-126			

Matrix Spike Dup (N610009-MSD1)	Source: N164104-19			Prepared: 10/13/2016 Analyzed: 10/14/2016 02:08						
1,2-Dimethyl-3,4-Dinitrobenzene	5040	200	ug/kg dry	4000	ND	126	64.4-124	8.16	20	M
1,2-Dimethyl-3,5-Dinitrobenzene	5590	200	ug/kg dry	4043	ND	138	67.8-131	13.8	20	M
1,2-Dimethyl-3,6-Dinitrobenzene	4780	200	ug/kg dry	4036	ND	119	72.5-119	6.03	20	
1,2-Dimethyl-4,5-Dinitrobenzene	5650	200	ug/kg dry	4036	ND	140	62.8-131	14.3	20	M
1,3,5-Trinitrobenzene	6000	200	ug/kg dry	4045	ND	148	39.2-186	16.1	20	
1,3-Dimethyl-2,4-Dinitrobenzene	4900	200	ug/kg dry	4035	ND	121	70.2-124	7.70	20	
1,3-Dimethyl-2,5-Dinitrobenzene	4920	200	ug/kg dry	4036	ND	122	75.8-121	7.30	20	M
1,3-Dinitrobenzene	5510	200	ug/kg dry	4045	ND	136	58.7-132	21.2	20	X, M
1,4-Dimethyl-2,3-Dinitrobenzene	4410	200	ug/kg dry	4000	ND	110	65.6-120	8.59	20	
1,4-Dimethyl-2,5-Dinitrobenzene	4800	200	ug/kg dry	4028	ND	119	69.3-127	8.66	20	
1,4-Dimethyl-2,6-Dinitrobenzene	4890	200	ug/kg dry	4036	ND	121	72.8-122	6.28	20	
1,5-Dimethyl-2,3-Dinitrobenzene	5260	200	ug/kg dry	4028	ND	131	63.4-128	12.2	20	M
1,5-Dimethyl-2,4-Dinitrobenzene	5180	200	ug/kg dry	3952	ND	131	63.6-130	9.73	20	M
2,3-Dinitrotoluene	4910	200	ug/kg dry	4045	ND	121	46.2-133	6.39	20	
2,4,6-Trinitrotoluene	6400	200	ug/kg dry	4045	226	153	26.1-194	10.4	20	
2,4-Dinitrotoluene	5240	200	ug/kg dry	4045	ND	129	66.7-135	14.9	20	
2,5-Dinitrotoluene	5400	200	ug/kg dry	4045	ND	133	67.8-128	14.4	20	M
2,6-Dinitrotoluene	5150	200	ug/kg dry	4045	ND	127	66.1-127	9.76	20	
2-Amino-4,6-dinitrotoluene	5310	200	ug/kg dry	4045	ND	131	39-140	9.35	20	
2-Nitrotoluene	4780	200	ug/kg dry	4045	ND	118	72-121	13.6	20	
3,4-Dinitrotoluene	5030	200	ug/kg dry	4045	ND	124	64.3-124	10.9	20	
3,5-Dinitroaniline	5700	200	ug/kg dry	4045	ND	141	33.5-149	15.1	20	
3,5-Dinitrotoluene	5400	200	ug/kg dry	4045	ND	134	72.1-128	9.71	20	M
3-Nitrotoluene	4770	200	ug/kg dry	4045	ND	118	78.3-118	12.0	20	
4-Amino-2,6-dinitrotoluene	5380	200	ug/kg dry	4045	ND	133	26.4-153	13.1	20	
4-Nitrotoluene	4760	200	ug/kg dry	4045	ND	118	78.6-116	12.3	20	M
Nitrobenzene	4660	200	ug/kg dry	4045	ND	115	75.8-113	10.9	20	M
Surrogate: 2,2'-Dinitrobiphenyl	4840		ug/kg dry	3923		123	48.3-152			
Surrogate: Nitrobenzene-d5	4690		ug/kg dry	4045		116	72-126			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610012 - EPA 3570

Blank (N610012-BLK1)

Prepared: 10/13/2016 Analyzed: 10/14/2016 22:28

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2890		ug/kg wet	3880		74.5	48.3-152			
Surrogate: Nitrobenzene-d5	4200		ug/kg wet	4000		105	72-126			

LCS (N610012-BS1)

Prepared: 10/13/2016 Analyzed: 10/14/2016 22:56

1,2-Dimethyl-3,4-Dinitrobenzene	1930	200	ug/kg wet	1978		97.8	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1870	200	ug/kg wet	1999		93.6	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	2000	200	ug/kg wet	1996		100	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	2030	200	ug/kg wet	1996		102	79.2-122			
1,3,5-Trinitrobenzene	1730	200	ug/kg wet	2000		86.4	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	2010	200	ug/kg wet	1995		101	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1980	200	ug/kg wet	1996		99.4	82.7-116			
1,3-Dinitrobenzene	1640	200	ug/kg wet	2000		81.8	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	2000	200	ug/kg wet	1978		101	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	2020	200	ug/kg wet	1992		101	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	2000	200	ug/kg wet	1996		100	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1970	200	ug/kg wet	1992		99.0	80.6-119			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610012 - EPA 3570

LCS (N610012-BS1)

Prepared: 10/13/2016 Analyzed: 10/14/2016 22:56

1,5-Dimethyl-2,4-Dinitrobenzene	1910	200	ug/kg wet	1954		97.6	79.4-120			
2,3-Dinitrotoluene	2050	200	ug/kg wet	2000		103	70.3-128			
2,4,6-Trinitrotoluene	1640	200	ug/kg wet	2000		82.0	74.1-139			
2,4-Dinitrotoluene	1750	200	ug/kg wet	2000		87.5	67.8-133			
2,5-Dinitrotoluene	1750	200	ug/kg wet	2000		87.3	76.4-123			
2,6-Dinitrotoluene	1890	200	ug/kg wet	2000		94.7	79.5-120			
2-Amino-4,6-dinitrotoluene	1740	200	ug/kg wet	2000		86.9	60.5-138			
2-Nitrotoluene	2060	200	ug/kg wet	2000		103	77.7-117			
3,4-Dinitrotoluene	1970	200	ug/kg wet	2000		98.5	81.2-120			
3,5-Dinitroaniline	1760	200	ug/kg wet	2000		88.2	53.2-145			
3,5-Dinitrotoluene	1920	200	ug/kg wet	2000		96.0	81-122			
3-Nitrotoluene	1970	200	ug/kg wet	2000		98.4	82.5-114			
4-Amino-2,6-dinitrotoluene	1730	200	ug/kg wet	2000		86.6	64.1-133			
4-Nitrotoluene	1980	200	ug/kg wet	2000		99.0	83.6-112			
Nitrobenzene	2100	200	ug/kg wet	2000		105	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4210</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>108</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4070</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>102</i>	<i>72-126</i>			

Matrix Spike (N610012-MS1)

Source: N164105-07

Prepared: 10/13/2016 Analyzed: 10/14/2016 23:51

1,2-Dimethyl-3,4-Dinitrobenzene	1960	200	ug/kg dry	1999	ND	97.9	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1940	200	ug/kg dry	2020	ND	96.1	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1990	200	ug/kg dry	2017	ND	98.8	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	2090	200	ug/kg dry	2017	ND	103	62.8-131			
1,3,5-Trinitrobenzene	1780	200	ug/kg dry	2021	ND	88.3	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1990	200	ug/kg dry	2016	ND	98.8	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1980	200	ug/kg dry	2017	ND	98.4	75.8-121			
1,3-Dinitrobenzene	1610	200	ug/kg dry	2021	ND	79.4	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1960	200	ug/kg dry	1999	ND	98.0	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1960	200	ug/kg dry	2013	ND	97.3	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	2030	200	ug/kg dry	2017	ND	101	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	2020	200	ug/kg dry	2013	ND	101	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1900	200	ug/kg dry	1974	ND	96.4	63.6-130			
2,3-Dinitrotoluene	2030	200	ug/kg dry	2021	ND	101	46.2-133			
2,4,6-Trinitrotoluene	1720	200	ug/kg dry	2021	ND	84.9	26.1-194			
2,4-Dinitrotoluene	1740	200	ug/kg dry	2021	ND	86.1	66.7-135			
2,5-Dinitrotoluene	1750	200	ug/kg dry	2021	ND	86.5	67.8-128			
2,6-Dinitrotoluene	1880	200	ug/kg dry	2021	ND	93.2	66.1-127			
2-Amino-4,6-dinitrotoluene	1660	200	ug/kg dry	2021	ND	82.2	39-140			
2-Nitrotoluene	2050	200	ug/kg dry	2021	ND	102	72-121			
3,4-Dinitrotoluene	1920	200	ug/kg dry	2021	ND	95.0	64.3-124			
3,5-Dinitroaniline	1610	200	ug/kg dry	2021	ND	79.6	33.5-149			
3,5-Dinitrotoluene	1930	200	ug/kg dry	2021	ND	95.3	72.1-128			
3-Nitrotoluene	1980	200	ug/kg dry	2021	ND	97.9	78.3-118			
4-Amino-2,6-dinitrotoluene	1620	200	ug/kg dry	2021	ND	80.2	26.4-153			



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610012 - EPA 3570

Matrix Spike (N610012-MS1)	Source: N164105-07			Prepared: 10/13/2016 Analyzed: 10/14/2016 23:51						
4-Nitrotoluene	2040	200	ug/kg dry	2021	ND	101	78.6-116			
Nitrobenzene	2060	200	ug/kg dry	2021	ND	102	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4020</i>		<i>ug/kg dry</i>	<i>3921</i>		<i>102</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4070</i>		<i>ug/kg dry</i>	<i>4042</i>		<i>101</i>	<i>72-126</i>			

Matrix Spike Dup (N610012-MSD1)	Source: N164105-07			Prepared: 10/13/2016 Analyzed: 10/15/2016 00:18						
1,2-Dimethyl-3,4-Dinitrobenzene	1980	200	ug/kg dry	1999	ND	99.1	64.4-124	1.25	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1960	200	ug/kg dry	2020	ND	97.1	67.8-131	1.05	20	
1,2-Dimethyl-3,6-Dinitrobenzene	2010	200	ug/kg dry	2017	ND	99.7	72.5-119	0.939	20	
1,2-Dimethyl-4,5-Dinitrobenzene	2080	200	ug/kg dry	2017	ND	103	62.8-131	0.417	20	
1,3,5-Trinitrobenzene	1830	200	ug/kg dry	2021	ND	90.4	39.2-186	2.33	20	
1,3-Dimethyl-2,4-Dinitrobenzene	2040	200	ug/kg dry	2016	ND	101	70.2-124	2.56	20	
1,3-Dimethyl-2,5-Dinitrobenzene	2000	200	ug/kg dry	2017	ND	99.1	75.8-121	0.756	20	
1,3-Dinitrobenzene	1750	200	ug/kg dry	2021	ND	86.6	58.7-132	8.68	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1980	200	ug/kg dry	1999	ND	99.1	65.6-120	1.17	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1970	200	ug/kg dry	2013	ND	97.7	69.3-127	0.409	20	
1,4-Dimethyl-2,6-Dinitrobenzene	2020	200	ug/kg dry	2017	ND	100	72.8-122	0.578	20	
1,5-Dimethyl-2,3-Dinitrobenzene	2010	200	ug/kg dry	2013	ND	99.7	63.4-128	0.846	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1920	200	ug/kg dry	1974	ND	97.4	63.6-130	1.07	20	
2,3-Dinitrotoluene	2010	200	ug/kg dry	2021	ND	99.3	46.2-133	1.28	20	
2,4,6-Trinitrotoluene	1830	200	ug/kg dry	2021	ND	90.6	26.1-194	6.52	20	
2,4-Dinitrotoluene	1810	200	ug/kg dry	2021	ND	89.5	66.7-135	3.86	20	
2,5-Dinitrotoluene	1830	200	ug/kg dry	2021	ND	90.6	67.8-128	4.68	20	
2,6-Dinitrotoluene	1930	200	ug/kg dry	2021	ND	95.5	66.1-127	2.50	20	
2-Amino-4,6-dinitrotoluene	1700	200	ug/kg dry	2021	ND	84.0	39-140	2.16	20	
2-Nitrotoluene	2050	200	ug/kg dry	2021	ND	101	72-121	0.0985	20	
3,4-Dinitrotoluene	1930	200	ug/kg dry	2021	ND	95.3	64.3-124	0.329	20	
3,5-Dinitroaniline	1620	200	ug/kg dry	2021	ND	80.4	33.5-149	0.930	20	
3,5-Dinitrotoluene	1930	200	ug/kg dry	2021	ND	95.6	72.1-128	0.343	20	
3-Nitrotoluene	2010	200	ug/kg dry	2021	ND	99.2	78.3-118	1.42	20	
4-Amino-2,6-dinitrotoluene	1700	200	ug/kg dry	2021	ND	84.1	26.4-153	4.76	20	
4-Nitrotoluene	2020	200	ug/kg dry	2021	ND	99.9	78.6-116	1.16	20	
Nitrobenzene	2080	200	ug/kg dry	2021	ND	103	75.8-113	1.04	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4020</i>		<i>ug/kg dry</i>	<i>3921</i>		<i>102</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4100</i>		<i>ug/kg dry</i>	<i>4042</i>		<i>101</i>	<i>72-126</i>			



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610013 - EPA 3570

Blank (N610013-BLK1)

Prepared: 10/17/2016 Analyzed: 10/17/2016 17:24

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	4060		ug/kg wet	3880		105	48.3-152			
Surrogate: Nitrobenzene-d5	4960		ug/kg wet	4000		124	72-126			

LCS (N610013-BS1)

Prepared: 10/17/2016 Analyzed: 10/17/2016 17:52

1,2-Dimethyl-3,4-Dinitrobenzene	2430	200	ug/kg wet	1978		123	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	2370	200	ug/kg wet	1999		119	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	2190	200	ug/kg wet	1996		110	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	3130	200	ug/kg wet	1996		157	79.2-122			
1,3,5-Trinitrobenzene	2320	200	ug/kg wet	2000		116	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	2270	200	ug/kg wet	1995		114	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	2210	200	ug/kg wet	1996		111	82.7-116			
1,3-Dinitrobenzene	2410	200	ug/kg wet	2000		121	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	2170	200	ug/kg wet	1978		110	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	2230	200	ug/kg wet	1992		112	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	2210	200	ug/kg wet	1996		111	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	2420	200	ug/kg wet	1992		121	80.6-119			



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 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610013 - EPA 3570

LCS (N610013-BS1)

Prepared: 10/17/2016 Analyzed: 10/17/2016 17:52

1,5-Dimethyl-2,4-Dinitrobenzene	2140	200	ug/kg wet	1954		109	79.4-120			
2,3-Dinitrotoluene	2550	200	ug/kg wet	2000		127	70.3-128			
2,4,6-Trinitrotoluene	2090	200	ug/kg wet	2000		105	74.1-139			
2,4-Dinitrotoluene	1910	200	ug/kg wet	2000		95.3	67.8-133			
2,5-Dinitrotoluene	2170	200	ug/kg wet	2000		108	76.4-123			
2,6-Dinitrotoluene	2240	200	ug/kg wet	2000		112	79.5-120			
2-Amino-4,6-dinitrotoluene	2240	200	ug/kg wet	2000		112	60.5-138			
2-Nitrotoluene	2770	200	ug/kg wet	2000		139	77.7-117			
3,4-Dinitrotoluene	2150	200	ug/kg wet	2000		107	81.2-120			
3,5-Dinitroaniline	2190	200	ug/kg wet	2000		109	53.2-145			
3,5-Dinitrotoluene	2130	200	ug/kg wet	2000		106	81-122			
3-Nitrotoluene	2540	200	ug/kg wet	2000		127	82.5-114			
4-Amino-2,6-dinitrotoluene	2220	200	ug/kg wet	2000		111	64.1-133			
4-Nitrotoluene	2490	200	ug/kg wet	2000		125	83.6-112			
Nitrobenzene	2690	200	ug/kg wet	2000		134	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>5170</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>133</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4800</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>120</i>	<i>72-126</i>			

Matrix Spike (N610013-MS1)

Source: N164201-05

Prepared: 10/17/2016 Analyzed: 10/17/2016 18:47

1,2-Dimethyl-3,4-Dinitrobenzene	2570	200	ug/kg dry	1985	ND	130	64.4-124			M
1,2-Dimethyl-3,5-Dinitrobenzene	2540	200	ug/kg dry	2007	ND	127	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	2290	200	ug/kg dry	2003	ND	114	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	3480	200	ug/kg dry	2003	ND	174	62.8-131			M
1,3,5-Trinitrobenzene	2520	200	ug/kg dry	2007	ND	126	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	2400	200	ug/kg dry	2003	ND	120	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	2290	200	ug/kg dry	2003	ND	114	75.8-121			
1,3-Dinitrobenzene	2570	200	ug/kg dry	2007	ND	128	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	2220	200	ug/kg dry	1985	ND	112	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	2310	200	ug/kg dry	1999	ND	116	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	2310	200	ug/kg dry	2003	ND	115	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	2540	200	ug/kg dry	1999	ND	127	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	2260	200	ug/kg dry	1961	ND	115	63.6-130			
2,3-Dinitrotoluene	2820	200	ug/kg dry	2007	ND	140	46.2-133			M
2,4,6-Trinitrotoluene	2340	200	ug/kg dry	2007	ND	116	26.1-194			
2,4-Dinitrotoluene	1890	200	ug/kg dry	2007	ND	94.3	66.7-135			
2,5-Dinitrotoluene	2320	200	ug/kg dry	2007	ND	116	67.8-128			
2,6-Dinitrotoluene	2360	200	ug/kg dry	2007	ND	117	66.1-127			
2-Amino-4,6-dinitrotoluene	2450	200	ug/kg dry	2007	ND	122	39-140			
2-Nitrotoluene	2940	200	ug/kg dry	2007	ND	146	72-121			M
3,4-Dinitrotoluene	2270	200	ug/kg dry	2007	ND	113	64.3-124			
3,5-Dinitroaniline	2430	200	ug/kg dry	2007	ND	121	33.5-149			
3,5-Dinitrotoluene	2300	200	ug/kg dry	2007	ND	115	72.1-128			
3-Nitrotoluene	2620	200	ug/kg dry	2007	ND	131	78.3-118			M
4-Amino-2,6-dinitrotoluene	2410	200	ug/kg dry	2007	ND	120	26.4-153			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610013 - EPA 3570

Matrix Spike (N610013-MS1)	Source: N164201-05			Prepared: 10/17/2016 Analyzed: 10/17/2016 18:47						
4-Nitrotoluene	2630	200	ug/kg dry	2007	ND	131	78.6-116			M
Nitrobenzene	2820	200	ug/kg dry	2007	ND	140	75.8-113			M
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>5660</i>		<i>ug/kg dry</i>	<i>3894</i>		<i>145</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>5000</i>		<i>ug/kg dry</i>	<i>4015</i>		<i>125</i>	<i>72-126</i>			

Matrix Spike Dup (N610013-MSD1)	Source: N164201-05			Prepared: 10/17/2016 Analyzed: 10/17/2016 19:15						
1,2-Dimethyl-3,4-Dinitrobenzene	2590	200	ug/kg dry	1985	ND	130	64.4-124	0.639	20	M
1,2-Dimethyl-3,5-Dinitrobenzene	2480	200	ug/kg dry	2007	ND	124	67.8-131	2.38	20	
1,2-Dimethyl-3,6-Dinitrobenzene	2300	200	ug/kg dry	2003	ND	115	72.5-119	0.330	20	
1,2-Dimethyl-4,5-Dinitrobenzene	3460	200	ug/kg dry	2003	ND	173	62.8-131	0.379	20	M
1,3,5-Trinitrobenzene	2520	200	ug/kg dry	2007	ND	126	39.2-186	0.0867	20	
1,3-Dimethyl-2,4-Dinitrobenzene	2410	200	ug/kg dry	2003	ND	120	70.2-124	0.510	20	
1,3-Dimethyl-2,5-Dinitrobenzene	2300	200	ug/kg dry	2003	ND	115	75.8-121	0.792	20	
1,3-Dinitrobenzene	2650	200	ug/kg dry	2007	ND	132	58.7-132	3.19	20	
1,4-Dimethyl-2,3-Dinitrobenzene	2260	200	ug/kg dry	1985	ND	114	65.6-120	1.85	20	
1,4-Dimethyl-2,5-Dinitrobenzene	2320	200	ug/kg dry	1999	ND	116	69.3-127	0.0381	20	
1,4-Dimethyl-2,6-Dinitrobenzene	2350	200	ug/kg dry	2003	ND	117	72.8-122	1.83	20	
1,5-Dimethyl-2,3-Dinitrobenzene	2560	200	ug/kg dry	1999	ND	128	63.4-128	0.637	20	
1,5-Dimethyl-2,4-Dinitrobenzene	2240	200	ug/kg dry	1961	ND	114	63.6-130	0.803	20	
2,3-Dinitrotoluene	2700	200	ug/kg dry	2007	ND	135	46.2-133	4.18	20	
2,4,6-Trinitrotoluene	2190	200	ug/kg dry	2007	ND	109	26.1-194	6.29	20	
2,4-Dinitrotoluene	2000	200	ug/kg dry	2007	ND	99.6	66.7-135	5.42	20	
2,5-Dinitrotoluene	2320	200	ug/kg dry	2007	ND	116	67.8-128	0.0847	20	
2,6-Dinitrotoluene	2370	200	ug/kg dry	2007	ND	118	66.1-127	0.426	20	
2-Amino-4,6-dinitrotoluene	2350	200	ug/kg dry	2007	ND	117	39-140	4.32	20	
2-Nitrotoluene	3040	200	ug/kg dry	2007	ND	151	72-121	3.36	20	M
3,4-Dinitrotoluene	2270	200	ug/kg dry	2007	ND	113	64.3-124	0.412	20	
3,5-Dinitroaniline	2310	200	ug/kg dry	2007	ND	115	33.5-149	5.11	20	
3,5-Dinitrotoluene	2310	200	ug/kg dry	2007	ND	115	72.1-128	0.350	20	
3-Nitrotoluene	2710	200	ug/kg dry	2007	ND	135	78.3-118	3.37	20	M
4-Amino-2,6-dinitrotoluene	2410	200	ug/kg dry	2007	ND	120	26.4-153	0.111	20	
4-Nitrotoluene	2710	200	ug/kg dry	2007	ND	135	78.6-116	3.23	20	M
Nitrobenzene	2940	200	ug/kg dry	2007	ND	147	75.8-113	4.32	20	M
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>5370</i>		<i>ug/kg dry</i>	<i>3894</i>		<i>138</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>5210</i>		<i>ug/kg dry</i>	<i>4015</i>		<i>130</i>	<i>72-126</i>			S, HC



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610014 - EPA 3570

Blank (N610014-BLK1)

Prepared: 10/17/2016 Analyzed: 10/18/2016 16:29

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2750		ug/kg wet	3880		71.0	48.3-152			
Surrogate: Nitrobenzene-d5	4010		ug/kg wet	4000		100	72-126			

LCS (N610014-BS1)

Prepared: 10/17/2016 Analyzed: 10/18/2016 16:56

1,2-Dimethyl-3,4-Dinitrobenzene	1730	200	ug/kg wet	1978		87.6	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1670	200	ug/kg wet	1999		83.5	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1860	200	ug/kg wet	1996		93.3	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1680	200	ug/kg wet	1996		84.2	79.2-122			
1,3,5-Trinitrobenzene	1440	200	ug/kg wet	2000		71.9	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1730	200	ug/kg wet	1995		86.5	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1820	200	ug/kg wet	1996		91.4	82.7-116			
1,3-Dinitrobenzene	1480	200	ug/kg wet	2000		74.0	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1780	200	ug/kg wet	1978		90.1	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1760	200	ug/kg wet	1992		88.6	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1800	200	ug/kg wet	1996		90.0	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1700	200	ug/kg wet	1992		85.5	80.6-119			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610014 - EPA 3570

LCS (N610014-BS1)

Prepared: 10/17/2016 Analyzed: 10/18/2016 16:56

1,5-Dimethyl-2,4-Dinitrobenzene	1730	200	ug/kg wet	1954		88.6	79.4-120			
2,3-Dinitrotoluene	1870	200	ug/kg wet	2000		93.5	70.3-128			
2,4,6-Trinitrotoluene	1750	200	ug/kg wet	2000		87.7	74.1-139			
2,4-Dinitrotoluene	1540	200	ug/kg wet	2000		77.1	67.8-133			
2,5-Dinitrotoluene	1630	200	ug/kg wet	2000		81.3	76.4-123			
2,6-Dinitrotoluene	1700	200	ug/kg wet	2000		85.2	79.5-120			
2-Amino-4,6-dinitrotoluene	1580	200	ug/kg wet	2000		78.9	60.5-138			
2-Nitrotoluene	1820	200	ug/kg wet	2000		90.9	77.7-117			
3,4-Dinitrotoluene	1730	200	ug/kg wet	2000		86.5	81.2-120			
3,5-Dinitroaniline	1620	200	ug/kg wet	2000		80.9	53.2-145			
3,5-Dinitrotoluene	1720	200	ug/kg wet	2000		85.9	81-122			
3-Nitrotoluene	1850	200	ug/kg wet	2000		92.6	82.5-114			
4-Amino-2,6-dinitrotoluene	1390	200	ug/kg wet	2000		69.4	64.1-133			
4-Nitrotoluene	1870	200	ug/kg wet	2000		93.4	83.6-112			
Nitrobenzene	1920	200	ug/kg wet	2000		96.1	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4010</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>103</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3820</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>95.4</i>	<i>72-126</i>			

Matrix Spike (N610014-MS1)

Source: N164201-18

Prepared: 10/17/2016 Analyzed: 10/18/2016 17:51

1,2-Dimethyl-3,4-Dinitrobenzene	1680	200	ug/kg dry	1986	ND	84.3	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1650	200	ug/kg dry	2008	ND	82.2	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1740	200	ug/kg dry	2004	ND	86.8	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1620	200	ug/kg dry	2004	ND	80.6	62.8-131			
1,3,5-Trinitrobenzene	1390	200	ug/kg dry	2008	ND	69.1	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1690	200	ug/kg dry	2004	ND	84.3	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1750	200	ug/kg dry	2004	ND	87.1	75.8-121			
1,3-Dinitrobenzene	1430	200	ug/kg dry	2008	ND	71.2	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1680	200	ug/kg dry	1986	ND	84.5	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1710	200	ug/kg dry	2000	ND	85.2	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1730	200	ug/kg dry	2004	ND	86.3	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1640	200	ug/kg dry	2000	ND	82.2	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1630	200	ug/kg dry	1962	ND	83.3	63.6-130			
2,3-Dinitrotoluene	1700	200	ug/kg dry	2008	ND	84.8	46.2-133			
2,4,6-Trinitrotoluene	1620	200	ug/kg dry	2008	ND	80.6	26.1-194			
2,4-Dinitrotoluene	1610	200	ug/kg dry	2008	ND	80.3	66.7-135			
2,5-Dinitrotoluene	1550	200	ug/kg dry	2008	ND	77.3	67.8-128			
2,6-Dinitrotoluene	1680	200	ug/kg dry	2008	ND	83.5	66.1-127			
2-Amino-4,6-dinitrotoluene	1580	200	ug/kg dry	2008	ND	78.7	39-140			
2-Nitrotoluene	1760	200	ug/kg dry	2008	ND	87.8	72-121			
3,4-Dinitrotoluene	1630	200	ug/kg dry	2008	ND	81.0	64.3-124			
3,5-Dinitroaniline	1490	200	ug/kg dry	2008	ND	74.1	33.5-149			
3,5-Dinitrotoluene	1610	200	ug/kg dry	2008	ND	80.4	72.1-128			
3-Nitrotoluene	1770	200	ug/kg dry	2008	ND	88.0	78.3-118			
4-Amino-2,6-dinitrotoluene	1490	200	ug/kg dry	2008	ND	74.3	26.4-153			



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610014 - EPA 3570

Matrix Spike (N610014-MS1)	Source: N164201-18			Prepared: 10/17/2016 Analyzed: 10/18/2016 17:51						
4-Nitrotoluene	1780	200	ug/kg dry	2008	ND	88.5	78.6-116			
Nitrobenzene	1860	200	ug/kg dry	2008	ND	92.5	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3670</i>		<i>ug/kg dry</i>	<i>3896</i>		<i>94.2</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3690</i>		<i>ug/kg dry</i>	<i>4017</i>		<i>91.9</i>	<i>72-126</i>			

Matrix Spike Dup (N610014-MSD1)	Source: N164201-18			Prepared: 10/17/2016 Analyzed: 10/18/2016 18:18						
1,2-Dimethyl-3,4-Dinitrobenzene	1740	200	ug/kg dry	1986	ND	87.4	64.4-124	3.56	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1690	200	ug/kg dry	2008	ND	84.2	67.8-131	2.41	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1800	200	ug/kg dry	2004	ND	89.7	72.5-119	3.26	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1670	200	ug/kg dry	2004	ND	83.3	62.8-131	3.38	20	
1,3,5-Trinitrobenzene	1470	200	ug/kg dry	2008	ND	73.1	39.2-186	5.64	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1750	200	ug/kg dry	2004	ND	87.1	70.2-124	3.31	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1810	200	ug/kg dry	2004	ND	90.4	75.8-121	3.68	20	
1,3-Dinitrobenzene	1550	200	ug/kg dry	2008	ND	77.4	58.7-132	8.34	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1790	200	ug/kg dry	1986	ND	90.1	65.6-120	6.49	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1780	200	ug/kg dry	2000	ND	88.9	69.3-127	4.26	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1790	200	ug/kg dry	2004	ND	89.3	72.8-122	3.50	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1720	200	ug/kg dry	2000	ND	85.8	63.4-128	4.33	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1730	200	ug/kg dry	1962	ND	88.1	63.6-130	5.64	20	
2,3-Dinitrotoluene	1850	200	ug/kg dry	2008	ND	92.2	46.2-133	8.45	20	
2,4,6-Trinitrotoluene	1810	200	ug/kg dry	2008	ND	89.9	26.1-194	10.9	20	
2,4-Dinitrotoluene	1550	200	ug/kg dry	2008	ND	77.4	66.7-135	3.71	20	
2,5-Dinitrotoluene	1650	200	ug/kg dry	2008	ND	82.3	67.8-128	6.25	20	
2,6-Dinitrotoluene	1740	200	ug/kg dry	2008	ND	86.5	66.1-127	3.48	20	
2-Amino-4,6-dinitrotoluene	1540	200	ug/kg dry	2008	ND	76.7	39-140	2.67	20	
2-Nitrotoluene	1790	200	ug/kg dry	2008	ND	89.0	72-121	1.42	20	
3,4-Dinitrotoluene	1670	200	ug/kg dry	2008	ND	83.2	64.3-124	2.71	20	
3,5-Dinitroaniline	1600	200	ug/kg dry	2008	ND	79.8	33.5-149	7.44	20	
3,5-Dinitrotoluene	1740	200	ug/kg dry	2008	ND	86.4	72.1-128	7.26	20	
3-Nitrotoluene	1830	200	ug/kg dry	2008	ND	91.0	78.3-118	3.34	20	
4-Amino-2,6-dinitrotoluene	1450	200	ug/kg dry	2008	ND	72.4	26.4-153	2.60	20	
4-Nitrotoluene	1840	200	ug/kg dry	2008	ND	91.5	78.6-116	3.35	20	
Nitrobenzene	1920	200	ug/kg dry	2008	ND	95.7	75.8-113	3.45	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3970</i>		<i>ug/kg dry</i>	<i>3896</i>		<i>102</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3780</i>		<i>ug/kg dry</i>	<i>4017</i>		<i>94.0</i>	<i>72-126</i>			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610017 - EPA 3570

Blank (N610017-BLK1)

Prepared: 10/18/2016 Analyzed: 10/18/2016 19:41

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2530		ug/kg wet	3880		65.2	48.3-152			
Surrogate: Nitrobenzene-d5	3730		ug/kg wet	4000		93.3	72-126			

LCS (N610017-BS1)

Prepared: 10/18/2016 Analyzed: 10/19/2016 00:36

1,2-Dimethyl-3,4-Dinitrobenzene	1560	200	ug/kg wet	1978		78.7	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1410	200	ug/kg wet	1999		70.8	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1740	200	ug/kg wet	1996		87.3	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1510	200	ug/kg wet	1996		75.4	79.2-122			
1,3,5-Trinitrobenzene	988	200	ug/kg wet	2000		49.4	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1650	200	ug/kg wet	1995		82.9	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1660	200	ug/kg wet	1996		83.3	82.7-116			
1,3-Dinitrobenzene	1070	200	ug/kg wet	2000		53.3	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1850	200	ug/kg wet	1978		93.5	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1690	200	ug/kg wet	1992		84.9	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1670	200	ug/kg wet	1996		83.8	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1580	200	ug/kg wet	1992		79.6	80.6-119			



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 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610017 - EPA 3570

LCS (N610017-BS1)

Prepared: 10/18/2016 Analyzed: 10/19/2016 00:36

1,5-Dimethyl-2,4-Dinitrobenzene	1630	200	ug/kg wet	1954		83.4	79.4-120			
2,3-Dinitrotoluene	1510	200	ug/kg wet	2000		75.6	70.3-128			
2,4,6-Trinitrotoluene	1170	200	ug/kg wet	2000		58.3	74.1-139			
2,4-Dinitrotoluene	1480	200	ug/kg wet	2000		74.0	67.8-133			
2,5-Dinitrotoluene	1280	200	ug/kg wet	2000		63.9	76.4-123			
2,6-Dinitrotoluene	1460	200	ug/kg wet	2000		72.9	79.5-120			
2-Amino-4,6-dinitrotoluene	1250	200	ug/kg wet	2000		62.3	60.5-138			
2-Nitrotoluene	1890	200	ug/kg wet	2000		94.5	77.7-117			
3,4-Dinitrotoluene	1490	200	ug/kg wet	2000		74.3	81.2-120			
3,5-Dinitroaniline	1120	200	ug/kg wet	2000		55.9	53.2-145			
3,5-Dinitrotoluene	1460	200	ug/kg wet	2000		73.2	81-122			
3-Nitrotoluene	1720	200	ug/kg wet	2000		85.8	82.5-114			
4-Amino-2,6-dinitrotoluene	1230	200	ug/kg wet	2000		61.3	64.1-133			
4-Nitrotoluene	1680	200	ug/kg wet	2000		84.2	83.6-112			
Nitrobenzene	1860	200	ug/kg wet	2000		93.1	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3490</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>89.9</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3420</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>85.4</i>	<i>72-126</i>			

Matrix Spike (N610017-MS1)

Source: N164201-45

Prepared: 10/18/2016 Analyzed: 10/19/2016 07:19

1,2-Dimethyl-3,4-Dinitrobenzene	1620	210	ug/kg dry	2030	ND	79.6	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1570	210	ug/kg dry	2051	ND	76.6	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1860	210	ug/kg dry	2048	ND	90.7	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1500	210	ug/kg dry	2048	ND	73.0	62.8-131			
1,3,5-Trinitrobenzene	1030	210	ug/kg dry	2052	ND	50.1	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1800	210	ug/kg dry	2047	ND	87.7	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1840	210	ug/kg dry	2048	ND	90.0	75.8-121			
1,3-Dinitrobenzene	1200	210	ug/kg dry	2052	ND	58.5	58.7-132			M
1,4-Dimethyl-2,3-Dinitrobenzene	1920	210	ug/kg dry	2030	ND	94.8	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1790	210	ug/kg dry	2044	ND	87.6	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1790	210	ug/kg dry	2048	ND	87.5	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1620	210	ug/kg dry	2044	ND	79.2	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1680	210	ug/kg dry	2005	ND	83.8	63.6-130			
2,3-Dinitrotoluene	1680	210	ug/kg dry	2052	ND	81.7	46.2-133			
2,4,6-Trinitrotoluene	1340	210	ug/kg dry	2052	ND	65.2	26.1-194			
2,4-Dinitrotoluene	1570	210	ug/kg dry	2052	ND	76.4	66.7-135			
2,5-Dinitrotoluene	1510	210	ug/kg dry	2052	ND	73.5	67.8-128			
2,6-Dinitrotoluene	1610	210	ug/kg dry	2052	ND	78.5	66.1-127			
2-Amino-4,6-dinitrotoluene	1290	210	ug/kg dry	2052	ND	63.1	39-140			
2-Nitrotoluene	2000	210	ug/kg dry	2052	ND	97.6	72-121			
3,4-Dinitrotoluene	1680	210	ug/kg dry	2052	ND	81.8	64.3-124			
3,5-Dinitroaniline	1280	210	ug/kg dry	2052	ND	62.5	33.5-149			
3,5-Dinitrotoluene	1670	210	ug/kg dry	2052	ND	81.3	72.1-128			
3-Nitrotoluene	1840	210	ug/kg dry	2052	ND	89.7	78.3-118			
4-Amino-2,6-dinitrotoluene	1300	210	ug/kg dry	2052	ND	63.3	26.4-153			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610017 - EPA 3570

Matrix Spike (N610017-MS1)	Source: N164201-45			Prepared: 10/18/2016 Analyzed: 10/19/2016 07:19						
4-Nitrotoluene	1840	210	ug/kg dry	2052	ND	89.5	78.6-116			
Nitrobenzene	2030	210	ug/kg dry	2052	ND	98.9	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3610</i>		<i>ug/kg dry</i>	<i>3981</i>		<i>90.7</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3910</i>		<i>ug/kg dry</i>	<i>4104</i>		<i>95.3</i>	<i>72-126</i>			

Matrix Spike Dup (N610017-MSD1)	Source: N164201-45			Prepared: 10/18/2016 Analyzed: 10/19/2016 07:46						
1,2-Dimethyl-3,4-Dinitrobenzene	1750	210	ug/kg dry	2030	ND	86.2	64.4-124	7.86	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1680	210	ug/kg dry	2051	ND	82.0	67.8-131	6.81	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1930	210	ug/kg dry	2048	ND	94.4	72.5-119	4.05	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1700	210	ug/kg dry	2048	ND	83.0	62.8-131	12.8	20	
1,3,5-Trinitrobenzene	1250	210	ug/kg dry	2052	ND	61.0	39.2-186	19.6	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1910	210	ug/kg dry	2047	ND	93.2	70.2-124	6.07	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1940	210	ug/kg dry	2048	ND	94.7	75.8-121	5.05	20	
1,3-Dinitrobenzene	1440	210	ug/kg dry	2052	ND	70.3	58.7-132	18.3	20	
1,4-Dimethyl-2,3-Dinitrobenzene	2050	210	ug/kg dry	2030	ND	101	65.6-120	6.50	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1940	210	ug/kg dry	2044	ND	94.9	69.3-127	7.93	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1950	210	ug/kg dry	2048	ND	95.3	72.8-122	8.50	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1740	210	ug/kg dry	2044	ND	85.2	63.4-128	7.29	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1860	210	ug/kg dry	2005	ND	92.6	63.6-130	9.97	20	
2,3-Dinitrotoluene	1880	210	ug/kg dry	2052	ND	91.8	46.2-133	11.6	20	
2,4,6-Trinitrotoluene	1560	210	ug/kg dry	2052	ND	76.0	26.1-194	15.3	20	
2,4-Dinitrotoluene	1740	210	ug/kg dry	2052	ND	84.6	66.7-135	10.1	20	
2,5-Dinitrotoluene	1630	210	ug/kg dry	2052	ND	79.5	67.8-128	7.77	20	
2,6-Dinitrotoluene	1750	210	ug/kg dry	2052	ND	85.4	66.1-127	8.43	20	
2-Amino-4,6-dinitrotoluene	1490	210	ug/kg dry	2052	ND	72.6	39-140	14.1	20	
2-Nitrotoluene	2080	210	ug/kg dry	2052	ND	101	72-121	3.76	20	
3,4-Dinitrotoluene	1820	210	ug/kg dry	2052	ND	88.8	64.3-124	8.20	20	
3,5-Dinitroaniline	1480	210	ug/kg dry	2052	ND	72.2	33.5-149	14.4	20	
3,5-Dinitrotoluene	1860	210	ug/kg dry	2052	ND	90.6	72.1-128	10.9	20	
3-Nitrotoluene	1940	210	ug/kg dry	2052	ND	94.3	78.3-118	5.00	20	
4-Amino-2,6-dinitrotoluene	1470	210	ug/kg dry	2052	ND	71.8	26.4-153	12.7	20	
4-Nitrotoluene	2020	210	ug/kg dry	2052	ND	98.3	78.6-116	9.30	20	
Nitrobenzene	2140	210	ug/kg dry	2052	ND	104	75.8-113	5.24	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3790</i>		<i>ug/kg dry</i>	<i>3981</i>		<i>95.2</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3930</i>		<i>ug/kg dry</i>	<i>4104</i>		<i>95.7</i>	<i>72-126</i>			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610019 - EPA 3570

Blank (N610019-BLK1)

Prepared: 10/19/2016 Analyzed: 10/19/2016 18:20

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2860		ug/kg wet	3880		73.7	48.3-152			
Surrogate: Nitrobenzene-d5	3760		ug/kg wet	4000		94.0	72-126			

LCS (N610019-BS1)

Prepared: 10/19/2016 Analyzed: 10/20/2016 01:39

1,2-Dimethyl-3,4-Dinitrobenzene	1810	200	ug/kg wet	1978		91.3	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1760	200	ug/kg wet	1999		88.1	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1880	200	ug/kg wet	1996		94.1	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1820	200	ug/kg wet	1996		91.2	79.2-122			
1,3,5-Trinitrobenzene	1430	200	ug/kg wet	2000		71.3	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1810	200	ug/kg wet	1995		90.8	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1870	200	ug/kg wet	1996		93.5	82.7-116			
1,3-Dinitrobenzene	1570	200	ug/kg wet	2000		78.6	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1850	200	ug/kg wet	1978		93.3	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1810	200	ug/kg wet	1992		90.8	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1840	200	ug/kg wet	1996		92.3	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1750	200	ug/kg wet	1992		88.0	80.6-119			



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 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610019 - EPA 3570

LCS (N610019-BS1)

Prepared: 10/19/2016 Analyzed: 10/20/2016 01:39

1,5-Dimethyl-2,4-Dinitrobenzene	1780	200	ug/kg wet	1954		91.1	79.4-120			
2,3-Dinitrotoluene	1810	200	ug/kg wet	2000		90.4	70.3-128			
2,4,6-Trinitrotoluene	1720	200	ug/kg wet	2000		85.9	74.1-139			
2,4-Dinitrotoluene	1790	200	ug/kg wet	2000		89.4	67.8-133			
2,5-Dinitrotoluene	1680	200	ug/kg wet	2000		84.1	76.4-123			
2,6-Dinitrotoluene	1790	200	ug/kg wet	2000		89.3	79.5-120			
2-Amino-4,6-dinitrotoluene	1690	200	ug/kg wet	2000		84.4	60.5-138			
2-Nitrotoluene	1910	200	ug/kg wet	2000		95.6	77.7-117			
3,4-Dinitrotoluene	1760	200	ug/kg wet	2000		88.2	81.2-120			
3,5-Dinitroaniline	1650	200	ug/kg wet	2000		82.4	53.2-145			
3,5-Dinitrotoluene	1770	200	ug/kg wet	2000		88.7	81-122			
3-Nitrotoluene	1890	200	ug/kg wet	2000		94.3	82.5-114			
4-Amino-2,6-dinitrotoluene	1490	200	ug/kg wet	2000		74.6	64.1-133			
4-Nitrotoluene	1920	200	ug/kg wet	2000		95.8	83.6-112			
Nitrobenzene	1980	200	ug/kg wet	2000		98.9	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3690</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>95.1</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3710</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>92.7</i>	<i>72-126</i>			

Matrix Spike (N610019-MS1)

Source: N164201-59

Prepared: 10/19/2016 Analyzed: 10/20/2016 03:28

1,2-Dimethyl-3,4-Dinitrobenzene	1890	200	ug/kg dry	1999	ND	94.5	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1860	200	ug/kg dry	2020	ND	92.0	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1950	200	ug/kg dry	2017	ND	96.8	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1890	200	ug/kg dry	2017	ND	93.9	62.8-131			
1,3,5-Trinitrobenzene	1520	200	ug/kg dry	2021	ND	75.4	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1930	200	ug/kg dry	2016	ND	95.6	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1990	200	ug/kg dry	2017	ND	98.9	75.8-121			
1,3-Dinitrobenzene	1750	200	ug/kg dry	2021	ND	86.6	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1910	200	ug/kg dry	1999	ND	95.5	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1940	200	ug/kg dry	2013	ND	96.5	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1960	200	ug/kg dry	2017	ND	97.3	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1850	200	ug/kg dry	2013	ND	91.9	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1880	200	ug/kg dry	1974	ND	95.0	63.6-130			
2,3-Dinitrotoluene	1910	200	ug/kg dry	2021	ND	94.7	46.2-133			
2,4,6-Trinitrotoluene	1860	200	ug/kg dry	2021	ND	91.8	26.1-194			
2,4-Dinitrotoluene	1880	200	ug/kg dry	2021	ND	93.1	66.7-135			
2,5-Dinitrotoluene	1860	200	ug/kg dry	2021	ND	91.8	67.8-128			
2,6-Dinitrotoluene	1920	200	ug/kg dry	2021	ND	95.1	66.1-127			
2-Amino-4,6-dinitrotoluene	1580	200	ug/kg dry	2021	ND	78.0	39-140			
2-Nitrotoluene	1990	200	ug/kg dry	2021	ND	98.7	72-121			
3,4-Dinitrotoluene	1860	200	ug/kg dry	2021	ND	92.1	64.3-124			
3,5-Dinitroaniline	1590	200	ug/kg dry	2021	ND	78.7	33.5-149			
3,5-Dinitrotoluene	1910	200	ug/kg dry	2021	ND	94.4	72.1-128			
3-Nitrotoluene	2010	200	ug/kg dry	2021	ND	99.3	78.3-118			
4-Amino-2,6-dinitrotoluene	1500	200	ug/kg dry	2021	ND	74.2	26.4-153			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610019 - EPA 3570

Matrix Spike (N610019-MS1)		Source: N164201-59		Prepared: 10/19/2016 Analyzed: 10/20/2016 03:28						
4-Nitrotoluene	2020	200	ug/kg dry	2021	ND	100	78.6-116			
Nitrobenzene	2060	200	ug/kg dry	2021	ND	102	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3840</i>		<i>ug/kg dry</i>	<i>3920</i>		<i>98.0</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3960</i>		<i>ug/kg dry</i>	<i>4042</i>		<i>98.0</i>	<i>72-126</i>			

Matrix Spike (N610019-MS2)		Source: N164201-72		Prepared: 10/19/2016 Analyzed: 10/20/2016 04:23						
1,2-Dimethyl-3,4-Dinitrobenzene	1980	200	ug/kg dry	2003	ND	98.9	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	2010	200	ug/kg dry	2025	ND	99.2	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	2010	200	ug/kg dry	2021	ND	99.2	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	2000	200	ug/kg dry	2021	ND	98.8	62.8-131			
1,3,5-Trinitrobenzene	1700	200	ug/kg dry	2025	ND	84.1	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	2010	200	ug/kg dry	2020	ND	99.3	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	2030	200	ug/kg dry	2021	ND	100	75.8-121			
1,3-Dinitrobenzene	1930	200	ug/kg dry	2025	ND	95.1	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1970	200	ug/kg dry	2003	ND	98.2	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1970	200	ug/kg dry	2017	ND	97.6	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	2010	200	ug/kg dry	2021	ND	99.4	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1970	200	ug/kg dry	2017	ND	97.5	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1990	200	ug/kg dry	1979	ND	101	63.6-130			
2,3-Dinitrotoluene	1980	200	ug/kg dry	2025	ND	97.6	46.2-133			
2,4,6-Trinitrotoluene	2150	200	ug/kg dry	2025	148	98.8	26.1-194			
2,4-Dinitrotoluene	2000	200	ug/kg dry	2025	ND	98.6	66.7-135			
2,5-Dinitrotoluene	1980	200	ug/kg dry	2025	ND	97.8	67.8-128			
2,6-Dinitrotoluene	1990	200	ug/kg dry	2025	ND	98.4	66.1-127			
2-Amino-4,6-dinitrotoluene	2000	200	ug/kg dry	2025	167	90.3	39-140			
2-Nitrotoluene	2020	200	ug/kg dry	2025	ND	99.7	72-121			
3,4-Dinitrotoluene	1930	200	ug/kg dry	2025	ND	95.4	64.3-124			
3,5-Dinitroaniline	1960	200	ug/kg dry	2025	ND	96.8	33.5-149			
3,5-Dinitrotoluene	1990	200	ug/kg dry	2025	ND	98.1	72.1-128			
3-Nitrotoluene	2050	200	ug/kg dry	2025	ND	101	78.3-118			
4-Amino-2,6-dinitrotoluene	2080	200	ug/kg dry	2025	223	91.8	26.4-153			
4-Nitrotoluene	2050	200	ug/kg dry	2025	ND	101	78.6-116			
Nitrobenzene	2090	200	ug/kg dry	2025	ND	103	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4110</i>		<i>ug/kg dry</i>	<i>3929</i>		<i>105</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3950</i>		<i>ug/kg dry</i>	<i>4051</i>		<i>97.6</i>	<i>72-126</i>			

Matrix Spike Dup (N610019-MSD1)		Source: N164201-59		Prepared: 10/19/2016 Analyzed: 10/20/2016 03:55						
1,2-Dimethyl-3,4-Dinitrobenzene	1880	200	ug/kg dry	1999	ND	94.1	64.4-124	0.435	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1860	200	ug/kg dry	2020	ND	92.2	67.8-131	0.194	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1960	200	ug/kg dry	2017	ND	97.0	72.5-119	0.151	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1850	200	ug/kg dry	2017	ND	91.9	62.8-131	2.17	20	
1,3,5-Trinitrobenzene	1540	200	ug/kg dry	2021	ND	76.2	39.2-186	1.06	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1920	200	ug/kg dry	2016	ND	95.4	70.2-124	0.260	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1970	200	ug/kg dry	2017	ND	97.6	75.8-121	1.25	20	



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610019 - EPA 3570

Matrix Spike Dup (N610019-MSD1)	Source: N164201-59			Prepared: 10/19/2016 Analyzed: 10/20/2016 03:55						
1,3-Dinitrobenzene	1750	200	ug/kg dry	2021	ND	86.7	58.7-132	0.109	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1890	200	ug/kg dry	1999	ND	94.4	65.6-120	1.17	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1920	200	ug/kg dry	2013	ND	95.4	69.3-127	1.10	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1970	200	ug/kg dry	2017	ND	97.6	72.8-122	0.232	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1860	200	ug/kg dry	2013	ND	92.4	63.4-128	0.512	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1880	200	ug/kg dry	1974	ND	95.4	63.6-130	0.340	20	
2,3-Dinitrotoluene	1880	200	ug/kg dry	2021	ND	93.2	46.2-133	1.58	20	
2,4,6-Trinitrotoluene	1850	200	ug/kg dry	2021	ND	91.4	26.1-194	0.455	20	
2,4-Dinitrotoluene	1890	200	ug/kg dry	2021	ND	93.6	66.7-135	0.523	20	
2,5-Dinitrotoluene	1830	200	ug/kg dry	2021	ND	90.6	67.8-128	1.37	20	
2,6-Dinitrotoluene	1890	200	ug/kg dry	2021	ND	93.4	66.1-127	1.77	20	
2-Amino-4,6-dinitrotoluene	1710	200	ug/kg dry	2021	ND	84.6	39-140	8.12	20	
2-Nitrotoluene	2020	200	ug/kg dry	2021	ND	99.9	72-121	1.19	20	
3,4-Dinitrotoluene	1850	200	ug/kg dry	2021	ND	91.5	64.3-124	0.661	20	
3,5-Dinitroaniline	1700	200	ug/kg dry	2021	ND	84.0	33.5-149	6.51	20	
3,5-Dinitrotoluene	1880	200	ug/kg dry	2021	ND	92.8	72.1-128	1.70	20	
3-Nitrotoluene	2010	200	ug/kg dry	2021	ND	99.4	78.3-118	0.103	20	
4-Amino-2,6-dinitrotoluene	1550	200	ug/kg dry	2021	ND	76.8	26.4-153	3.45	20	
4-Nitrotoluene	2000	200	ug/kg dry	2021	ND	99.1	78.6-116	0.995	20	
Nitrobenzene	2050	200	ug/kg dry	2021	ND	102	75.8-113	0.492	20	
Surrogate: 2,2'-Dinitrobiphenyl	3910		ug/kg dry	3920		99.7	48.3-152			
Surrogate: Nitrobenzene-d5	3920		ug/kg dry	4042		96.9	72-126			

Matrix Spike Dup (N610019-MSD2)	Source: N164201-72			Prepared: 10/19/2016 Analyzed: 10/20/2016 04:50						
1,2-Dimethyl-3,4-Dinitrobenzene	1940	200	ug/kg dry	2003	ND	96.6	64.4-124	2.37	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1880	200	ug/kg dry	2025	ND	92.9	67.8-131	6.55	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1980	200	ug/kg dry	2021	ND	97.9	72.5-119	1.35	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1910	200	ug/kg dry	2021	ND	94.7	62.8-131	4.29	20	
1,3,5-Trinitrobenzene	1590	200	ug/kg dry	2025	ND	78.3	39.2-186	7.07	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1930	200	ug/kg dry	2020	ND	95.3	70.2-124	4.10	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1980	200	ug/kg dry	2021	ND	98.0	75.8-121	2.43	20	
1,3-Dinitrobenzene	1800	200	ug/kg dry	2025	ND	88.9	58.7-132	6.73	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1880	200	ug/kg dry	2003	ND	94.1	65.6-120	4.31	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1940	200	ug/kg dry	2017	ND	96.3	69.3-127	1.33	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1980	200	ug/kg dry	2021	ND	97.7	72.8-122	1.70	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1880	200	ug/kg dry	2017	ND	93.0	63.4-128	4.69	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1890	200	ug/kg dry	1979	ND	95.5	63.6-130	5.43	20	
2,3-Dinitrotoluene	2010	200	ug/kg dry	2025	ND	99.1	46.2-133	1.46	20	
2,4,6-Trinitrotoluene	1870	200	ug/kg dry	2025	148	84.8	26.1-194	15.2	20	
2,4-Dinitrotoluene	1830	200	ug/kg dry	2025	ND	90.4	66.7-135	8.64	20	
2,5-Dinitrotoluene	1850	200	ug/kg dry	2025	ND	91.6	67.8-128	6.55	20	
2,6-Dinitrotoluene	1920	200	ug/kg dry	2025	ND	94.7	66.1-127	3.90	20	
2-Amino-4,6-dinitrotoluene	1840	200	ug/kg dry	2025	167	82.4	39-140	9.23	20	
2-Nitrotoluene	2000	200	ug/kg dry	2025	ND	98.8	72-121	0.830	20	



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610019 - EPA 3570

Matrix Spike Dup (N610019-MSD2)	Source: N164201-72			Prepared: 10/19/2016 Analyzed: 10/20/2016 04:50						
3,4-Dinitrotoluene	1850	200	ug/kg dry	2025	ND	91.2	64.3-124	4.52	20	
3,5-Dinitroaniline	1670	200	ug/kg dry	2025	ND	82.5	33.5-149	15.9	20	
3,5-Dinitrotoluene	1910	200	ug/kg dry	2025	ND	94.4	72.1-128	3.90	20	
3-Nitrotoluene	2020	200	ug/kg dry	2025	ND	99.7	78.3-118	1.40	20	
4-Amino-2,6-dinitrotoluene	1970	200	ug/kg dry	2025	223	86.2	26.4-153	6.35	20	
4-Nitrotoluene	2000	200	ug/kg dry	2025	ND	98.8	78.6-116	2.42	20	
Nitrobenzene	2040	200	ug/kg dry	2025	ND	101	75.8-113	2.33	20	
Surrogate: 2,2'-Dinitrobiphenyl	3800		ug/kg dry	3929		96.7	48.3-152			
Surrogate: Nitrobenzene-d5	3900		ug/kg dry	4051		96.3	72-126			

Batch N610022 - EPA 3570

Blank (N610022-BLK1)	Prepared: 10/20/2016 Analyzed: 10/20/2016 12:25									
1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2600		ug/kg wet	3880		66.9	48.3-152			
Surrogate: Nitrobenzene-d5	3860		ug/kg wet	4000		96.6	72-126			



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610022 - EPA 3570

LCS (N610022-BS1)

Prepared: 10/20/2016 Analyzed: 10/20/2016 17:26

1,2-Dimethyl-3,4-Dinitrobenzene	2010	200	ug/kg wet	1978		101	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1930	200	ug/kg wet	1999		96.4	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	2040	200	ug/kg wet	1996		102	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1990	200	ug/kg wet	1996		99.4	79.2-122			
1,3,5-Trinitrobenzene	1790	200	ug/kg wet	2000		89.4	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	2010	200	ug/kg wet	1995		101	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	2070	200	ug/kg wet	1996		103	82.7-116			
1,3-Dinitrobenzene	1830	200	ug/kg wet	2000		91.6	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1990	200	ug/kg wet	1978		101	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1980	200	ug/kg wet	1992		99.6	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	2030	200	ug/kg wet	1996		102	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1920	200	ug/kg wet	1992		96.3	80.6-119			
1,5-Dimethyl-2,4-Dinitrobenzene	2040	200	ug/kg wet	1954		104	79.4-120			
2,3-Dinitrotoluene	2210	200	ug/kg wet	2000		111	70.3-128			
2,4,6-Trinitrotoluene	2000	200	ug/kg wet	2000		99.8	74.1-139			
2,4-Dinitrotoluene	1810	200	ug/kg wet	2000		90.7	67.8-133			
2,5-Dinitrotoluene	1950	200	ug/kg wet	2000		97.3	76.4-123			
2,6-Dinitrotoluene	2000	200	ug/kg wet	2000		100	79.5-120			
2-Amino-4,6-dinitrotoluene	2040	200	ug/kg wet	2000		102	60.5-138			
2-Nitrotoluene	2060	200	ug/kg wet	2000		103	77.7-117			
3,4-Dinitrotoluene	1970	200	ug/kg wet	2000		98.3	81.2-120			
3,5-Dinitroaniline	1960	200	ug/kg wet	2000		97.9	53.2-145			
3,5-Dinitrotoluene	1990	200	ug/kg wet	2000		99.7	81-122			
3-Nitrotoluene	2030	200	ug/kg wet	2000		101	82.5-114			
4-Amino-2,6-dinitrotoluene	1930	200	ug/kg wet	2000		96.4	64.1-133			
4-Nitrotoluene	2050	200	ug/kg wet	2000		102	83.6-112			
Nitrobenzene	2080	200	ug/kg wet	2000		104	83.4-112			
Surrogate: 2,2'-Dinitrobiphenyl	4030		ug/kg wet	3880		104	48.3-152			
Surrogate: Nitrobenzene-d5	3890		ug/kg wet	4000		97.2	72-126			

Matrix Spike (N610022-MS1)

Source: N164301-11

Prepared: 10/20/2016 Analyzed: 10/21/2016 00:17

1,2-Dimethyl-3,4-Dinitrobenzene	1920	200	ug/kg dry	1984	ND	96.7	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1860	200	ug/kg dry	2005	ND	92.9	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1980	200	ug/kg dry	2002	ND	99.1	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1890	200	ug/kg dry	2002	ND	94.2	62.8-131			
1,3,5-Trinitrobenzene	1560	200	ug/kg dry	2006	ND	77.6	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1920	200	ug/kg dry	2001	ND	95.9	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1990	200	ug/kg dry	2002	ND	99.4	75.8-121			
1,3-Dinitrobenzene	1730	200	ug/kg dry	2006	ND	86.2	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1980	200	ug/kg dry	1984	ND	99.9	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1960	200	ug/kg dry	1998	ND	98.1	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	2020	200	ug/kg dry	2002	ND	101	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1840	200	ug/kg dry	1998	ND	92.0	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1900	200	ug/kg dry	1960	ND	96.8	63.6-130			



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 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610022 - EPA 3570

Matrix Spike (N610022-MS1)	Source: N164301-11			Prepared: 10/20/2016 Analyzed: 10/21/2016 00:17						
2,3-Dinitrotoluene	1990	200	ug/kg dry	2006	ND	99.1	46.2-133			
2,4,6-Trinitrotoluene	1880	200	ug/kg dry	2006	158	85.6	26.1-194			
2,4-Dinitrotoluene	1840	200	ug/kg dry	2006	ND	91.9	66.7-135			
2,5-Dinitrotoluene	1850	200	ug/kg dry	2006	ND	92.2	67.8-128			
2,6-Dinitrotoluene	1940	200	ug/kg dry	2006	ND	96.8	66.1-127			
2-Amino-4,6-dinitrotoluene	1720	200	ug/kg dry	2006	ND	85.9	39-140			
2-Nitrotoluene	1990	200	ug/kg dry	2006	ND	99.1	72-121			
3,4-Dinitrotoluene	1900	200	ug/kg dry	2006	ND	94.8	64.3-124			
3,5-Dinitroaniline	1600	200	ug/kg dry	2006	ND	80.0	33.5-149			
3,5-Dinitrotoluene	1950	200	ug/kg dry	2006	ND	97.3	72.1-128			
3-Nitrotoluene	1990	200	ug/kg dry	2006	ND	99.0	78.3-118			
4-Amino-2,6-dinitrotoluene	1680	200	ug/kg dry	2006	ND	83.6	26.4-153			
4-Nitrotoluene	2000	200	ug/kg dry	2006	ND	99.7	78.6-116			
Nitrobenzene	2010	200	ug/kg dry	2006	ND	100	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3660</i>		<i>ug/kg dry</i>	<i>3892</i>		<i>94.0</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3810</i>		<i>ug/kg dry</i>	<i>4012</i>		<i>94.9</i>	<i>72-126</i>			

Matrix Spike Dup (N610022-MSD1)	Source: N164301-11			Prepared: 10/20/2016 Analyzed: 10/21/2016 00:45						
1,2-Dimethyl-3,4-Dinitrobenzene	1870	200	ug/kg dry	1984	ND	94.3	64.4-124	2.47	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1900	200	ug/kg dry	2005	ND	94.7	67.8-131	1.94	20	
1,2-Dimethyl-3,6-Dinitrobenzene	2030	200	ug/kg dry	2002	ND	102	72.5-119	2.43	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1960	200	ug/kg dry	2002	ND	98.0	62.8-131	3.97	20	
1,3,5-Trinitrobenzene	1580	200	ug/kg dry	2006	ND	78.7	39.2-186	1.45	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1970	200	ug/kg dry	2001	ND	98.6	70.2-124	2.81	20	
1,3-Dimethyl-2,5-Dinitrobenzene	2050	200	ug/kg dry	2002	ND	102	75.8-121	2.94	20	
1,3-Dinitrobenzene	1780	200	ug/kg dry	2006	ND	88.8	58.7-132	2.98	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1950	200	ug/kg dry	1984	ND	98.5	65.6-120	1.42	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1980	200	ug/kg dry	1998	ND	99.1	69.3-127	0.933	20	
1,4-Dimethyl-2,6-Dinitrobenzene	2040	200	ug/kg dry	2002	ND	102	72.8-122	1.05	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1870	200	ug/kg dry	1998	ND	93.6	63.4-128	1.73	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1920	200	ug/kg dry	1960	ND	97.9	63.6-130	1.11	20	
2,3-Dinitrotoluene	2000	200	ug/kg dry	2006	ND	99.9	46.2-133	0.859	20	
2,4,6-Trinitrotoluene	2000	200	ug/kg dry	2006	158	91.7	26.1-194	6.87	20	
2,4-Dinitrotoluene	1910	200	ug/kg dry	2006	ND	95.1	66.7-135	3.38	20	
2,5-Dinitrotoluene	1890	200	ug/kg dry	2006	ND	94.2	67.8-128	2.19	20	
2,6-Dinitrotoluene	1970	200	ug/kg dry	2006	ND	98.0	66.1-127	1.22	20	
2-Amino-4,6-dinitrotoluene	1710	200	ug/kg dry	2006	ND	85.2	39-140	0.802	20	
2-Nitrotoluene	2000	200	ug/kg dry	2006	ND	99.6	72-121	0.414	20	
3,4-Dinitrotoluene	1940	200	ug/kg dry	2006	ND	96.7	64.3-124	1.96	20	
3,5-Dinitroaniline	1630	200	ug/kg dry	2006	ND	81.2	33.5-149	1.59	20	
3,5-Dinitrotoluene	1970	200	ug/kg dry	2006	ND	98.3	72.1-128	1.01	20	
3-Nitrotoluene	2000	200	ug/kg dry	2006	ND	99.8	78.3-118	0.783	20	
4-Amino-2,6-dinitrotoluene	1650	200	ug/kg dry	2006	ND	82.5	26.4-153	1.39	20	
4-Nitrotoluene	2010	200	ug/kg dry	2006	ND	100	78.6-116	0.529	20	



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610022 - EPA 3570

Matrix Spike Dup (N610022-MSD1)

Source: N164301-11

Prepared: 10/20/2016 Analyzed: 10/21/2016 00:45

Nitrobenzene	2050	200	ug/kg dry	2006	ND	102	75.8-113	1.77	20	
Surrogate: 2,2'-Dinitrobiphenyl	3670		ug/kg dry	3892		94.2	48.3-152			
Surrogate: Nitrobenzene-d5	3900		ug/kg dry	4012		97.2	72-126			

Batch N610024 - EPA 3570

Blank (N610024-BLK1)

Prepared: 10/21/2016 Analyzed: 10/21/2016 14:35

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2620		ug/kg wet	3880		67.5	48.3-152			
Surrogate: Nitrobenzene-d5	3800		ug/kg wet	4000		95.1	72-126			

LCS (N610024-BS1)

Prepared: 10/21/2016 Analyzed: 10/22/2016 02:55

1,2-Dimethyl-3,4-Dinitrobenzene	2000	200	ug/kg wet	1978		101	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1890	200	ug/kg wet	1999		94.6	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	2050	200	ug/kg wet	1996		103	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1980	200	ug/kg wet	1996		99.1	79.2-122			
1,3,5-Trinitrobenzene	1690	200	ug/kg wet	2000		84.7	60.4-167			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610024 - EPA 3570

LCS (N610024-BS1)

Prepared: 10/21/2016 Analyzed: 10/22/2016 02:55

1,3-Dimethyl-2,4-Dinitrobenzene	1960	200	ug/kg wet	1995		98.3	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	2070	200	ug/kg wet	1996		104	82.7-116			
1,3-Dinitrobenzene	1820	200	ug/kg wet	2000		91.1	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	2030	200	ug/kg wet	1978		102	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	2000	200	ug/kg wet	1992		100	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	2050	200	ug/kg wet	1996		103	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1910	200	ug/kg wet	1992		95.7	80.6-119			
1,5-Dimethyl-2,4-Dinitrobenzene	1970	200	ug/kg wet	1954		101	79.4-120			
2,3-Dinitrotoluene	2020	200	ug/kg wet	2000		101	70.3-128			
2,4,6-Trinitrotoluene	1900	200	ug/kg wet	2000		94.9	74.1-139			
2,4-Dinitrotoluene	1990	200	ug/kg wet	2000		99.4	67.8-133			
2,5-Dinitrotoluene	1930	200	ug/kg wet	2000		96.4	76.4-123			
2,6-Dinitrotoluene	1980	200	ug/kg wet	2000		99.1	79.5-120			
2-Amino-4,6-dinitrotoluene	1790	200	ug/kg wet	2000		89.7	60.5-138			
2-Nitrotoluene	2010	200	ug/kg wet	2000		101	77.7-117			
3,4-Dinitrotoluene	2000	200	ug/kg wet	2000		99.8	81.2-120			
3,5-Dinitroaniline	1700	200	ug/kg wet	2000		85.2	53.2-145			
3,5-Dinitrotoluene	1970	200	ug/kg wet	2000		98.3	81-122			
3-Nitrotoluene	2020	200	ug/kg wet	2000		101	82.5-114			
4-Amino-2,6-dinitrotoluene	1690	200	ug/kg wet	2000		84.5	64.1-133			
4-Nitrotoluene	2030	200	ug/kg wet	2000		101	83.6-112			
Nitrobenzene	2070	200	ug/kg wet	2000		103	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3790</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>97.6</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3850</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>96.2</i>	<i>72-126</i>			

Matrix Spike (N610024-MS1)

Source: N164301-25

Prepared: 10/21/2016 Analyzed: 10/22/2016 02:00

1,2-Dimethyl-3,4-Dinitrobenzene	1950	200	ug/kg dry	1981	ND	98.4	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1930	200	ug/kg dry	2002	ND	96.5	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	2050	200	ug/kg dry	1999	ND	102	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1910	200	ug/kg dry	1999	ND	95.4	62.8-131			
1,3,5-Trinitrobenzene	1630	200	ug/kg dry	2003	ND	81.5	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1960	200	ug/kg dry	1998	ND	98.2	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	2010	200	ug/kg dry	1999	ND	101	75.8-121			
1,3-Dinitrobenzene	1670	200	ug/kg dry	2003	ND	83.2	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1980	200	ug/kg dry	1981	ND	100	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1990	200	ug/kg dry	1995	ND	99.9	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	2030	200	ug/kg dry	1999	ND	102	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1910	200	ug/kg dry	1995	ND	95.7	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1960	200	ug/kg dry	1957	ND	100	63.6-130			
2,3-Dinitrotoluene	1820	200	ug/kg dry	2003	ND	90.7	46.2-133			
2,4,6-Trinitrotoluene	2290	200	ug/kg dry	2003	201	104	26.1-194			
2,4-Dinitrotoluene	2100	200	ug/kg dry	2003	ND	105	66.7-135			
2,5-Dinitrotoluene	1820	200	ug/kg dry	2003	ND	91.0	67.8-128			
2,6-Dinitrotoluene	1920	200	ug/kg dry	2003	ND	95.6	66.1-127			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610024 - EPA 3570

Matrix Spike (N610024-MS1)	Source: N164301-25			Prepared: 10/21/2016 Analyzed: 10/22/2016 02:00						
2-Amino-4,6-dinitrotoluene	1700	200	ug/kg dry	2003	ND	85.0	39-140			
2-Nitrotoluene	2020	200	ug/kg dry	2003	ND	101	72-121			
3,4-Dinitrotoluene	1930	200	ug/kg dry	2003	ND	96.2	64.3-124			
3,5-Dinitroaniline	1620	200	ug/kg dry	2003	ND	80.7	33.5-149			
3,5-Dinitrotoluene	1910	200	ug/kg dry	2003	ND	95.5	72.1-128			
3-Nitrotoluene	1970	200	ug/kg dry	2003	ND	98.3	78.3-118			
4-Amino-2,6-dinitrotoluene	1600	200	ug/kg dry	2003	ND	80.1	26.4-153			
4-Nitrotoluene	2020	200	ug/kg dry	2003	ND	101	78.6-116			
Nitrobenzene	2040	200	ug/kg dry	2003	ND	102	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3780</i>		<i>ug/kg dry</i>	<i>3886</i>		<i>97.3</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3820</i>		<i>ug/kg dry</i>	<i>4006</i>		<i>95.3</i>	<i>72-126</i>			

Matrix Spike Dup (N610024-MSD1)	Source: N164301-25			Prepared: 10/21/2016 Analyzed: 10/22/2016 02:27						
1,2-Dimethyl-3,4-Dinitrobenzene	1990	200	ug/kg dry	1981	ND	100	64.4-124	1.80	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1970	200	ug/kg dry	2002	ND	98.2	67.8-131	1.80	20	
1,2-Dimethyl-3,6-Dinitrobenzene	2040	200	ug/kg dry	1999	ND	102	72.5-119	0.431	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1900	200	ug/kg dry	1999	ND	95.3	62.8-131	0.128	20	
1,3,5-Trinitrobenzene	1750	200	ug/kg dry	2003	ND	87.2	39.2-186	6.80	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1950	200	ug/kg dry	1998	ND	97.6	70.2-124	0.668	20	
1,3-Dimethyl-2,5-Dinitrobenzene	2030	200	ug/kg dry	1999	ND	102	75.8-121	0.981	20	
1,3-Dinitrobenzene	1800	200	ug/kg dry	2003	ND	90.1	58.7-132	8.02	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1990	200	ug/kg dry	1981	ND	100	65.6-120	0.172	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1980	200	ug/kg dry	1995	ND	99.4	69.3-127	0.501	20	
1,4-Dimethyl-2,6-Dinitrobenzene	2010	200	ug/kg dry	1999	ND	101	72.8-122	0.856	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1900	200	ug/kg dry	1995	ND	95.5	63.4-128	0.275	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1960	200	ug/kg dry	1957	ND	99.9	63.6-130	0.446	20	
2,3-Dinitrotoluene	2050	200	ug/kg dry	2003	ND	102	46.2-133	12.1	20	
2,4,6-Trinitrotoluene	2280	200	ug/kg dry	2003	201	104	26.1-194	0.195	20	
2,4-Dinitrotoluene	1870	200	ug/kg dry	2003	ND	93.6	66.7-135	11.4	20	
2,5-Dinitrotoluene	1920	200	ug/kg dry	2003	ND	95.8	67.8-128	5.18	20	
2,6-Dinitrotoluene	1950	200	ug/kg dry	2003	ND	97.3	66.1-127	1.74	20	
2-Amino-4,6-dinitrotoluene	1770	200	ug/kg dry	2003	ND	88.4	39-140	3.88	20	
2-Nitrotoluene	2060	200	ug/kg dry	2003	ND	103	72-121	2.22	20	
3,4-Dinitrotoluene	1910	200	ug/kg dry	2003	ND	95.5	64.3-124	0.712	20	
3,5-Dinitroaniline	1710	200	ug/kg dry	2003	ND	85.1	33.5-149	5.36	20	
3,5-Dinitrotoluene	1930	200	ug/kg dry	2003	ND	96.2	72.1-128	0.675	20	
3-Nitrotoluene	2040	200	ug/kg dry	2003	ND	102	78.3-118	3.49	20	
4-Amino-2,6-dinitrotoluene	1710	200	ug/kg dry	2003	ND	85.2	26.4-153	6.28	20	
4-Nitrotoluene	2070	200	ug/kg dry	2003	ND	103	78.6-116	2.33	20	
Nitrobenzene	2090	200	ug/kg dry	2003	ND	105	75.8-113	2.56	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3780</i>		<i>ug/kg dry</i>	<i>3886</i>		<i>97.2</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3870</i>		<i>ug/kg dry</i>	<i>4006</i>		<i>96.7</i>	<i>72-126</i>			



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610031 - EPA 3570

Blank (N610031-BLK1)

Prepared: 10/25/2016 Analyzed: 10/25/2016 17:04

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2270		ug/kg wet	3880		58.5	48.3-152			
Surrogate: Nitrobenzene-d5	3760		ug/kg wet	4000		94.0	72-126			

LCS (N610031-BS1)

Prepared: 10/25/2016 Analyzed: 10/25/2016 22:04

1,2-Dimethyl-3,4-Dinitrobenzene	1600	200	ug/kg wet	1978		81.0	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1590	200	ug/kg wet	1999		79.6	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1800	200	ug/kg wet	1996		90.0	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1550	200	ug/kg wet	1996		77.8	79.2-122			
1,3,5-Trinitrobenzene	1130	200	ug/kg wet	2000		56.5	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1670	200	ug/kg wet	1995		83.6	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1740	200	ug/kg wet	1996		87.4	82.7-116			
1,3-Dinitrobenzene	1440	200	ug/kg wet	2000		72.0	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1730	200	ug/kg wet	1978		87.2	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1700	200	ug/kg wet	1992		85.5	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1730	200	ug/kg wet	1996		86.8	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1600	200	ug/kg wet	1992		80.5	80.6-119			



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 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610031 - EPA 3570

LCS (N610031-BS1)

Prepared: 10/25/2016 Analyzed: 10/25/2016 22:04

1,5-Dimethyl-2,4-Dinitrobenzene	1710	200	ug/kg wet	1954		87.7	79.4-120			
2,3-Dinitrotoluene	1550	200	ug/kg wet	2000		77.5	70.3-128			
2,4,6-Trinitrotoluene	1430	200	ug/kg wet	2000		71.4	74.1-139			
2,4-Dinitrotoluene	1760	200	ug/kg wet	2000		88.1	67.8-133			
2,5-Dinitrotoluene	1520	200	ug/kg wet	2000		76.0	76.4-123			
2,6-Dinitrotoluene	1620	200	ug/kg wet	2000		81.2	79.5-120			
2-Amino-4,6-dinitrotoluene	1310	200	ug/kg wet	2000		65.5	60.5-138			
2-Nitrotoluene	1800	200	ug/kg wet	2000		90.0	77.7-117			
3,4-Dinitrotoluene	1630	200	ug/kg wet	2000		81.5	81.2-120			
3,5-Dinitroaniline	1350	200	ug/kg wet	2000		67.3	53.2-145			
3,5-Dinitrotoluene	1650	200	ug/kg wet	2000		82.5	81-122			
3-Nitrotoluene	1790	200	ug/kg wet	2000		89.6	82.5-114			
4-Amino-2,6-dinitrotoluene	1230	200	ug/kg wet	2000		61.6	64.1-133			
4-Nitrotoluene	1820	200	ug/kg wet	2000		90.8	83.6-112			
Nitrobenzene	1870	200	ug/kg wet	2000		93.3	83.4-112			
Surrogate: 2,2'-Dinitrobiphenyl	3620		ug/kg wet	3880		93.3	48.3-152			
Surrogate: Nitrobenzene-d5	3640		ug/kg wet	4000		91.1	72-126			

Matrix Spike (N610031-MS1)

Source: N164302-73

Prepared: 10/25/2016 Analyzed: 10/26/2016 04:54

1,2-Dimethyl-3,4-Dinitrobenzene	1720	200	ug/kg dry	1995	ND	86.0	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1710	200	ug/kg dry	2016	ND	84.9	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1800	200	ug/kg dry	2013	ND	89.4	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1700	200	ug/kg dry	2013	ND	84.2	62.8-131			
1,3,5-Trinitrobenzene	1320	200	ug/kg dry	2017	ND	65.4	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1760	200	ug/kg dry	2012	ND	87.6	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1790	200	ug/kg dry	2013	ND	89.1	75.8-121			
1,3-Dinitrobenzene	1530	200	ug/kg dry	2017	ND	75.8	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1800	200	ug/kg dry	1995	ND	90.1	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1790	200	ug/kg dry	2009	ND	89.1	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1840	200	ug/kg dry	2013	ND	91.5	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1720	200	ug/kg dry	2009	ND	85.5	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1780	200	ug/kg dry	1971	ND	90.4	63.6-130			
2,3-Dinitrotoluene	1600	200	ug/kg dry	2017	ND	79.4	46.2-133			
2,4,6-Trinitrotoluene	11400	200	ug/kg dry	2017	4720	330	26.1-194			M
2,4-Dinitrotoluene	2020	200	ug/kg dry	2017	148	93.0	66.7-135			
2,5-Dinitrotoluene	1650	200	ug/kg dry	2017	ND	81.7	67.8-128			
2,6-Dinitrotoluene	1780	200	ug/kg dry	2017	ND	88.4	66.1-127			
2-Amino-4,6-dinitrotoluene	1650	200	ug/kg dry	2017	257	69.3	39-140			
2-Nitrotoluene	1880	200	ug/kg dry	2017	ND	93.2	72-121			
3,4-Dinitrotoluene	1730	200	ug/kg dry	2017	ND	85.6	64.3-124			
3,5-Dinitroaniline	1580	200	ug/kg dry	2017	ND	78.2	33.5-149			
3,5-Dinitrotoluene	1740	200	ug/kg dry	2017	ND	86.4	72.1-128			
3-Nitrotoluene	1900	200	ug/kg dry	2017	ND	94.4	78.3-118			
4-Amino-2,6-dinitrotoluene	2020	200	ug/kg dry	2017	438	78.4	26.4-153			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610031 - EPA 3570

Matrix Spike (N610031-MS1)	Source: N164302-73			Prepared: 10/25/2016 Analyzed: 10/26/2016 04:54						
4-Nitrotoluene	1910	200	ug/kg dry	2017	ND	94.7	78.6-116			
Nitrobenzene	1890	200	ug/kg dry	2017	ND	93.8	75.8-113			
Surrogate: 2,2'-Dinitrobiphenyl	3920		ug/kg dry	3913		100	48.3-152			
Surrogate: Nitrobenzene-d5	3810		ug/kg dry	4034		94.5	72-126			

Matrix Spike Dup (N610031-MSD1)	Source: N164302-73			Prepared: 10/25/2016 Analyzed: 10/26/2016 05:22						
1,2-Dimethyl-3,4-Dinitrobenzene	1790	200	ug/kg dry	1995	ND	90.0	64.4-124	4.53	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1800	200	ug/kg dry	2016	ND	89.5	67.8-131	5.32	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1880	200	ug/kg dry	2013	ND	93.3	72.5-119	4.28	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1740	200	ug/kg dry	2013	ND	86.5	62.8-131	2.65	20	
1,3,5-Trinitrobenzene	1360	200	ug/kg dry	2017	ND	67.2	39.2-186	2.60	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1840	200	ug/kg dry	2012	ND	91.7	70.2-124	4.51	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1880	200	ug/kg dry	2013	ND	93.4	75.8-121	4.78	20	
1,3-Dinitrobenzene	1690	200	ug/kg dry	2017	ND	83.8	58.7-132	10.1	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1790	200	ug/kg dry	1995	ND	89.9	65.6-120	0.169	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1800	200	ug/kg dry	2009	ND	89.7	69.3-127	0.724	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1870	200	ug/kg dry	2013	ND	93.0	72.8-122	1.58	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1760	200	ug/kg dry	2009	ND	87.6	63.4-128	2.44	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1850	200	ug/kg dry	1971	ND	94.1	63.6-130	3.96	20	
2,3-Dinitrotoluene	1630	200	ug/kg dry	2017	ND	80.9	46.2-133	1.88	20	
2,4,6-Trinitrotoluene	11800	200	ug/kg dry	2017	4720	350	26.1-194	5.78	20	M
2,4-Dinitrotoluene	2090	200	ug/kg dry	2017	148	96.2	66.7-135	3.36	20	
2,5-Dinitrotoluene	1790	200	ug/kg dry	2017	ND	88.5	67.8-128	7.98	20	
2,6-Dinitrotoluene	1840	200	ug/kg dry	2017	ND	91.0	66.1-127	2.92	20	
2-Amino-4,6-dinitrotoluene	1680	200	ug/kg dry	2017	257	70.8	39-140	2.09	20	
2-Nitrotoluene	1880	200	ug/kg dry	2017	ND	93.3	72-121	0.0440	20	
3,4-Dinitrotoluene	1710	200	ug/kg dry	2017	ND	84.8	64.3-124	0.958	20	
3,5-Dinitroaniline	1560	200	ug/kg dry	2017	ND	77.5	33.5-149	0.862	20	
3,5-Dinitrotoluene	1800	200	ug/kg dry	2017	ND	89.1	72.1-128	3.14	20	
3-Nitrotoluene	1920	200	ug/kg dry	2017	ND	95.0	78.3-118	0.672	20	
4-Amino-2,6-dinitrotoluene	2160	200	ug/kg dry	2017	438	85.1	26.4-153	8.16	20	
4-Nitrotoluene	1940	200	ug/kg dry	2017	ND	96.0	78.6-116	1.36	20	
Nitrobenzene	1930	200	ug/kg dry	2017	ND	95.9	75.8-113	2.13	20	
Surrogate: 2,2'-Dinitrobiphenyl	4000		ug/kg dry	3913		102	48.3-152			
Surrogate: Nitrobenzene-d5	3840		ug/kg dry	4034		95.1	72-126			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610034 - EPA 3570

Blank (N610034-BLK1)

Prepared: 10/26/2016 Analyzed: 10/26/2016 15:55

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2590		ug/kg wet	3880		66.8	48.3-152			
Surrogate: Nitrobenzene-d5	3700		ug/kg wet	4000		92.6	72-126			

LCS (N610034-BS1)

Prepared: 10/26/2016 Analyzed: 10/26/2016 20:56

1,2-Dimethyl-3,4-Dinitrobenzene	1810	200	ug/kg wet	1978		91.4	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1780	200	ug/kg wet	1999		89.0	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1770	200	ug/kg wet	1996		88.6	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1850	200	ug/kg wet	1996		92.6	79.2-122			
1,3,5-Trinitrobenzene	1740	200	ug/kg wet	2000		87.2	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1800	200	ug/kg wet	1995		90.1	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1830	200	ug/kg wet	1996		91.8	82.7-116			
1,3-Dinitrobenzene	1750	200	ug/kg wet	2000		87.4	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1820	200	ug/kg wet	1978		92.2	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1800	200	ug/kg wet	1992		90.3	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1820	200	ug/kg wet	1996		91.2	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1790	200	ug/kg wet	1992		89.6	80.6-119			



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610034 - EPA 3570

LCS (N610034-BS1)

Prepared: 10/26/2016 Analyzed: 10/26/2016 20:56

1,5-Dimethyl-2,4-Dinitrobenzene	1790	200	ug/kg wet	1954		91.5	79.4-120			
2,3-Dinitrotoluene	1710	200	ug/kg wet	2000		85.4	70.3-128			
2,4,6-Trinitrotoluene	1890	200	ug/kg wet	2000		94.6	74.1-139			
2,4-Dinitrotoluene	1920	200	ug/kg wet	2000		95.9	67.8-133			
2,5-Dinitrotoluene	1770	200	ug/kg wet	2000		88.7	76.4-123			
2,6-Dinitrotoluene	1800	200	ug/kg wet	2000		90.0	79.5-120			
2-Amino-4,6-dinitrotoluene	2000	200	ug/kg wet	2000		99.8	60.5-138			
2-Nitrotoluene	1900	200	ug/kg wet	2000		94.9	77.7-117			
3,4-Dinitrotoluene	1770	200	ug/kg wet	2000		88.6	81.2-120			
3,5-Dinitroaniline	2060	200	ug/kg wet	2000		103	53.2-145			
3,5-Dinitrotoluene	1820	200	ug/kg wet	2000		91.0	81-122			
3-Nitrotoluene	1900	200	ug/kg wet	2000		95.1	82.5-114			
4-Amino-2,6-dinitrotoluene	1840	200	ug/kg wet	2000		91.8	64.1-133			
4-Nitrotoluene	1930	200	ug/kg wet	2000		96.4	83.6-112			
Nitrobenzene	1950	200	ug/kg wet	2000		97.4	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4060</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>105</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3810</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>95.2</i>	<i>72-126</i>			

Matrix Spike (N610034-MS1)

Source: N164303-02

Prepared: 10/26/2016 Analyzed: 10/27/2016 03:47

1,2-Dimethyl-3,4-Dinitrobenzene	1750	200	ug/kg dry	1980	ND	88.3	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1690	200	ug/kg dry	2001	ND	84.6	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1860	200	ug/kg dry	1998	ND	93.1	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1820	200	ug/kg dry	1998	ND	91.0	62.8-131			
1,3,5-Trinitrobenzene	1470	200	ug/kg dry	2002	ND	73.7	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1780	200	ug/kg dry	1997	ND	89.4	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1810	200	ug/kg dry	1998	ND	90.5	75.8-121			
1,3-Dinitrobenzene	1560	200	ug/kg dry	2002	ND	78.1	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1840	200	ug/kg dry	1980	ND	92.7	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1830	200	ug/kg dry	1994	ND	91.7	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1850	200	ug/kg dry	1998	ND	92.7	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1690	200	ug/kg dry	1994	ND	84.6	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1810	200	ug/kg dry	1956	ND	92.6	63.6-130			
2,3-Dinitrotoluene	1640	200	ug/kg dry	2002	ND	81.9	46.2-133			
2,4,6-Trinitrotoluene	22400	200	ug/kg dry	2002	16700	285	26.1-194			M1
2,4-Dinitrotoluene	1910	200	ug/kg dry	2002	ND	95.5	66.7-135			
2,5-Dinitrotoluene	1690	200	ug/kg dry	2002	ND	84.7	67.8-128			
2,6-Dinitrotoluene	1740	200	ug/kg dry	2002	ND	87.2	66.1-127			
2-Amino-4,6-dinitrotoluene	2850	200	ug/kg dry	2002	648	110	39-140			
2-Nitrotoluene	1870	200	ug/kg dry	2002	ND	93.3	72-121			
3,4-Dinitrotoluene	1690	200	ug/kg dry	2002	ND	84.7	64.3-124			
3,5-Dinitroaniline	1920	200	ug/kg dry	2002	ND	95.8	33.5-149			
3,5-Dinitrotoluene	1770	200	ug/kg dry	2002	ND	88.6	72.1-128			
3-Nitrotoluene	1840	200	ug/kg dry	2002	ND	91.8	78.3-118			
4-Amino-2,6-dinitrotoluene	2960	200	ug/kg dry	2002	805	107	26.4-153			



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Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610034 - EPA 3570

Matrix Spike (N610034-MS1)	Source: N164303-02			Prepared: 10/26/2016 Analyzed: 10/27/2016 03:47						
4-Nitrotoluene	1880	200	ug/kg dry	2002	ND	94.0	78.6-116			
Nitrobenzene	1890	200	ug/kg dry	2002	ND	94.4	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3950</i>		<i>ug/kg dry</i>	<i>3883</i>		<i>102</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3730</i>		<i>ug/kg dry</i>	<i>4003</i>		<i>93.3</i>	<i>72-126</i>			

Matrix Spike Dup (N610034-MSD1)	Source: N164303-02			Prepared: 10/26/2016 Analyzed: 10/27/2016 04:14						
1,2-Dimethyl-3,4-Dinitrobenzene	1760	200	ug/kg dry	1980	ND	88.9	64.4-124	0.723	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1690	200	ug/kg dry	2001	ND	84.4	67.8-131	0.237	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1820	200	ug/kg dry	1998	ND	91.3	72.5-119	1.92	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1880	200	ug/kg dry	1998	ND	94.1	62.8-131	3.28	20	
1,3,5-Trinitrobenzene	1560	200	ug/kg dry	2002	ND	78.1	39.2-186	5.83	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1810	200	ug/kg dry	1997	ND	90.6	70.2-124	1.38	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1830	200	ug/kg dry	1998	ND	91.8	75.8-121	1.37	20	
1,3-Dinitrobenzene	1720	200	ug/kg dry	2002	ND	85.9	58.7-132	9.48	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1780	200	ug/kg dry	1980	ND	89.8	65.6-120	3.17	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1780	200	ug/kg dry	1994	ND	89.4	69.3-127	2.57	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1820	200	ug/kg dry	1998	ND	91.3	72.8-122	1.56	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1690	200	ug/kg dry	1994	ND	85.0	63.4-128	0.449	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1820	200	ug/kg dry	1956	ND	92.9	63.6-130	0.327	20	
2,3-Dinitrotoluene	1650	200	ug/kg dry	2002	ND	82.3	46.2-133	0.507	20	
2,4,6-Trinitrotoluene	22800	200	ug/kg dry	2002	16700	302	26.1-194	5.72	20	M1
2,4-Dinitrotoluene	1930	200	ug/kg dry	2002	ND	96.4	66.7-135	0.961	20	
2,5-Dinitrotoluene	1770	200	ug/kg dry	2002	ND	88.5	67.8-128	4.46	20	
2,6-Dinitrotoluene	1790	200	ug/kg dry	2002	ND	89.6	66.1-127	2.72	20	
2-Amino-4,6-dinitrotoluene	2770	200	ug/kg dry	2002	648	106	39-140	3.37	20	
2-Nitrotoluene	1900	200	ug/kg dry	2002	ND	95.1	72-121	1.91	20	
3,4-Dinitrotoluene	1750	200	ug/kg dry	2002	ND	87.6	64.3-124	3.42	20	
3,5-Dinitroaniline	1980	200	ug/kg dry	2002	ND	98.9	33.5-149	3.10	20	
3,5-Dinitrotoluene	1760	200	ug/kg dry	2002	ND	87.7	72.1-128	0.992	20	
3-Nitrotoluene	1890	200	ug/kg dry	2002	ND	94.6	78.3-118	2.96	20	
4-Amino-2,6-dinitrotoluene	2880	200	ug/kg dry	2002	805	104	26.4-153	3.57	20	
4-Nitrotoluene	1920	200	ug/kg dry	2002	ND	96.0	78.6-116	2.05	20	
Nitrobenzene	1930	200	ug/kg dry	2002	ND	96.6	75.8-113	2.34	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3950</i>		<i>ug/kg dry</i>	<i>3883</i>		<i>102</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3890</i>		<i>ug/kg dry</i>	<i>4003</i>		<i>97.1</i>	<i>72-126</i>			



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 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610035 - EPA 3570

Blank (N610035-BLK1)

Prepared: 10/26/2016 Analyzed: 11/02/2016 06:47

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2010		ug/kg wet	3880		51.7	48.3-152			
Surrogate: Nitrobenzene-d5	3680		ug/kg wet	4000		92.1	72-126			

LCS (N610035-BS1)

Prepared: 10/26/2016 Analyzed: 11/02/2016 11:48

1,2-Dimethyl-3,4-Dinitrobenzene	1830	200	ug/kg wet	1978		92.7	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1830	200	ug/kg wet	1999		91.7	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1910	200	ug/kg wet	1996		95.5	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1850	200	ug/kg wet	1996		92.9	79.2-122			
1,3,5-Trinitrobenzene	1720	200	ug/kg wet	2000		86.1	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1820	200	ug/kg wet	1995		91.1	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1930	200	ug/kg wet	1996		96.5	82.7-116			
1,3-Dinitrobenzene	1970	200	ug/kg wet	2000		98.6	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1830	200	ug/kg wet	1978		92.5	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1850	200	ug/kg wet	1992		92.7	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1850	200	ug/kg wet	1996		92.7	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1760	200	ug/kg wet	1992		88.3	80.6-119			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610035 - EPA 3570

LCS (N610035-BS1)

Prepared: 10/26/2016 Analyzed: 11/02/2016 11:48

1,5-Dimethyl-2,4-Dinitrobenzene	1820	200	ug/kg wet	1954		92.9	79.4-120			
2,3-Dinitrotoluene	1980	200	ug/kg wet	2000		99.0	70.3-128			
2,4,6-Trinitrotoluene	1840	200	ug/kg wet	2000		92.0	74.1-139			
2,4-Dinitrotoluene	1800	200	ug/kg wet	2000		89.8	67.8-133			
2,5-Dinitrotoluene	1950	200	ug/kg wet	2000		97.4	76.4-123			
2,6-Dinitrotoluene	1920	200	ug/kg wet	2000		95.9	79.5-120			
2-Amino-4,6-dinitrotoluene	1620	200	ug/kg wet	2000		81.2	60.5-138			
2-Nitrotoluene	2030	200	ug/kg wet	2000		102	77.7-117			
3,4-Dinitrotoluene	1740	200	ug/kg wet	2000		87.2	81.2-120			
3,5-Dinitroaniline	1750	200	ug/kg wet	2000		87.6	53.2-145			
3,5-Dinitrotoluene	1790	200	ug/kg wet	2000		89.7	81-122			
3-Nitrotoluene	1940	200	ug/kg wet	2000		97.0	82.5-114			
4-Amino-2,6-dinitrotoluene	1460	200	ug/kg wet	2000		72.8	64.1-133			
4-Nitrotoluene	1960	200	ug/kg wet	2000		98.0	83.6-112			
Nitrobenzene	1990	200	ug/kg wet	2000		99.7	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3580</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>92.2</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3860</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>96.5</i>	<i>72-126</i>			

Matrix Spike (N610035-MS1)

Source: N164303-13

Prepared: 10/26/2016 Analyzed: 11/02/2016 18:40

1,2-Dimethyl-3,4-Dinitrobenzene	1790	200	ug/kg dry	1980	ND	90.3	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1710	200	ug/kg dry	2001	ND	85.4	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1870	200	ug/kg dry	1998	ND	93.9	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	2060	200	ug/kg dry	1998	ND	103	62.8-131			
1,3,5-Trinitrobenzene	2150	200	ug/kg dry	2002	ND	107	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1780	200	ug/kg dry	1997	ND	89.2	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1870	200	ug/kg dry	1998	ND	93.4	75.8-121			
1,3-Dinitrobenzene	2110	200	ug/kg dry	2002	ND	106	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1740	200	ug/kg dry	1980	ND	87.9	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1840	200	ug/kg dry	1994	ND	92.4	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1850	200	ug/kg dry	1998	ND	92.7	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1670	200	ug/kg dry	1994	ND	83.6	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1830	200	ug/kg dry	1956	ND	93.8	63.6-130			
2,3-Dinitrotoluene	1990	200	ug/kg dry	2002	ND	99.5	46.2-133			
2,4,6-Trinitrotoluene	83300	200	ug/kg dry	2002	128000	NR	26.1-194			M1
2,4-Dinitrotoluene	1930	200	ug/kg dry	2002	ND	96.2	66.7-135			
2,5-Dinitrotoluene	1960	200	ug/kg dry	2002	ND	97.8	67.8-128			
2,6-Dinitrotoluene	2230	200	ug/kg dry	2002	ND	112	66.1-127			
2-Amino-4,6-dinitrotoluene	2280	200	ug/kg dry	2002	3500	NR	39-140			M
2-Nitrotoluene	2000	200	ug/kg dry	2002	ND	100	72-121			
3,4-Dinitrotoluene	1720	200	ug/kg dry	2002	ND	85.7	64.3-124			
3,5-Dinitroaniline	2030	200	ug/kg dry	2002	ND	102	33.5-149			
3,5-Dinitrotoluene	1860	200	ug/kg dry	2002	ND	93.0	72.1-128			
3-Nitrotoluene	1940	200	ug/kg dry	2002	ND	96.9	78.3-118			
4-Amino-2,6-dinitrotoluene	2180	200	ug/kg dry	2002	3350	NR	26.4-153			M



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610035 - EPA 3570

Matrix Spike (N610035-MS1)	Source: N164303-13			Prepared: 10/26/2016 Analyzed: 11/02/2016 18:40						
4-Nitrotoluene	1960	200	ug/kg dry	2002	ND	97.7	78.6-116			
Nitrobenzene	1940	200	ug/kg dry	2002	ND	96.9	75.8-113			
Surrogate: 2,2'-Dinitrobiphenyl	3820		ug/kg dry	3883		98.3	48.3-152			
Surrogate: Nitrobenzene-d5	3820		ug/kg dry	4003		95.4	72-126			

Matrix Spike Dup (N610035-MSD1)	Source: N164303-13			Prepared: 10/26/2016 Analyzed: 11/02/2016 19:08						
1,2-Dimethyl-3,4-Dinitrobenzene	1720	200	ug/kg dry	1980	ND	86.8	64.4-124	3.95	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1660	200	ug/kg dry	2001	ND	82.8	67.8-131	3.06	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1860	200	ug/kg dry	1998	ND	93.2	72.5-119	0.718	20	
1,2-Dimethyl-4,5-Dinitrobenzene	2020	200	ug/kg dry	1998	ND	101	62.8-131	1.94	20	
1,3,5-Trinitrobenzene	2190	200	ug/kg dry	2002	ND	110	39.2-186	1.95	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1790	200	ug/kg dry	1997	ND	89.6	70.2-124	0.449	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1910	200	ug/kg dry	1998	ND	95.4	75.8-121	2.12	20	
1,3-Dinitrobenzene	2070	200	ug/kg dry	2002	ND	103	58.7-132	2.02	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1750	200	ug/kg dry	1980	ND	88.6	65.6-120	0.761	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1840	200	ug/kg dry	1994	ND	92.1	69.3-127	0.273	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1840	200	ug/kg dry	1998	ND	92.3	72.8-122	0.364	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1620	200	ug/kg dry	1994	ND	81.4	63.4-128	2.63	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1770	200	ug/kg dry	1956	ND	90.4	63.6-130	3.68	20	
2,3-Dinitrotoluene	1670	200	ug/kg dry	2002	ND	83.4	46.2-133	17.6	20	
2,4,6-Trinitrotoluene	91200	200	ug/kg dry	2002	128000	NR	26.1-194	NR	20	M1
2,4-Dinitrotoluene	2250	200	ug/kg dry	2002	ND	113	66.7-135	15.7	20	
2,5-Dinitrotoluene	1930	200	ug/kg dry	2002	ND	96.5	67.8-128	1.31	20	
2,6-Dinitrotoluene	2220	200	ug/kg dry	2002	ND	111	66.1-127	0.587	20	
2-Amino-4,6-dinitrotoluene	2050	200	ug/kg dry	2002	3500	NR	39-140	NR	20	M
2-Nitrotoluene	2050	200	ug/kg dry	2002	ND	103	72-121	2.45	20	
3,4-Dinitrotoluene	1710	200	ug/kg dry	2002	ND	85.4	64.3-124	0.361	20	
3,5-Dinitroaniline	1850	200	ug/kg dry	2002	ND	92.3	33.5-149	9.60	20	
3,5-Dinitrotoluene	1860	200	ug/kg dry	2002	ND	93.0	72.1-128	0.0903	20	
3-Nitrotoluene	1950	200	ug/kg dry	2002	ND	97.6	78.3-118	0.803	20	
4-Amino-2,6-dinitrotoluene	1940	200	ug/kg dry	2002	3350	NR	26.4-153	NR	20	M
4-Nitrotoluene	1980	200	ug/kg dry	2002	ND	99.0	78.6-116	1.27	20	
Nitrobenzene	1990	200	ug/kg dry	2002	ND	99.3	75.8-113	2.48	20	
Surrogate: 2,2'-Dinitrobiphenyl	3400		ug/kg dry	3883		87.4	48.3-152			
Surrogate: Nitrobenzene-d5	3920		ug/kg dry	4003		98.0	72-126			



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610038 - EPA 3570

Blank (N610038-BLK1)

Prepared: 10/27/2016 Analyzed: 10/28/2016 00:46

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	3220		ug/kg wet	3880		83.0	48.3-152			
Surrogate: Nitrobenzene-d5	4150		ug/kg wet	4000		104	72-126			

LCS (N610038-BS1)

Prepared: 10/27/2016 Analyzed: 10/28/2016 05:48

1,2-Dimethyl-3,4-Dinitrobenzene	2000	200	ug/kg wet	1978		101	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	2000	200	ug/kg wet	1999		99.8	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	2000	200	ug/kg wet	1996		100	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	2000	200	ug/kg wet	1996		100	79.2-122			
1,3,5-Trinitrobenzene	1760	200	ug/kg wet	2000		88.2	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	2000	200	ug/kg wet	1995		100	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	2020	200	ug/kg wet	1996		101	82.7-116			
1,3-Dinitrobenzene	1910	200	ug/kg wet	2000		95.7	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1960	200	ug/kg wet	1978		99.3	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1940	200	ug/kg wet	1992		97.4	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	2010	200	ug/kg wet	1996		101	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1990	200	ug/kg wet	1992		99.9	80.6-119			



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Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610038 - EPA 3570

LCS (N610038-BS1)

Prepared: 10/27/2016 Analyzed: 10/28/2016 05:48

1,5-Dimethyl-2,4-Dinitrobenzene	1950	200	ug/kg wet	1954		99.9	79.4-120			
2,3-Dinitrotoluene	1840	200	ug/kg wet	2000		92.2	70.3-128			
2,4,6-Trinitrotoluene	2030	200	ug/kg wet	2000		102	74.1-139			
2,4-Dinitrotoluene	2130	200	ug/kg wet	2000		106	67.8-133			
2,5-Dinitrotoluene	1920	200	ug/kg wet	2000		95.9	76.4-123			
2,6-Dinitrotoluene	1980	200	ug/kg wet	2000		99.2	79.5-120			
2-Amino-4,6-dinitrotoluene	1840	200	ug/kg wet	2000		92.2	60.5-138			
2-Nitrotoluene	2140	200	ug/kg wet	2000		107	77.7-117			
3,4-Dinitrotoluene	1930	200	ug/kg wet	2000		96.6	81.2-120			
3,5-Dinitroaniline	2010	200	ug/kg wet	2000		100	53.2-145			
3,5-Dinitrotoluene	1920	200	ug/kg wet	2000		96.1	81-122			
3-Nitrotoluene	2110	200	ug/kg wet	2000		106	82.5-114			
4-Amino-2,6-dinitrotoluene	1790	200	ug/kg wet	2000		89.4	64.1-133			
4-Nitrotoluene	2100	200	ug/kg wet	2000		105	83.6-112			
Nitrobenzene	2120	200	ug/kg wet	2000		106	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4030</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>104</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4160</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>104</i>	<i>72-126</i>			

Matrix Spike (N610038-MS1)

Source: N164303-29

Prepared: 10/27/2016 Analyzed: 10/27/2016 22:02

1,2-Dimethyl-3,4-Dinitrobenzene	1590	200	ug/kg dry	1726	ND	92.3	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1540	200	ug/kg dry	1745	ND	88.3	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1610	200	ug/kg dry	1742	ND	92.4	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1690	200	ug/kg dry	1742	ND	96.8	62.8-131			
1,3,5-Trinitrobenzene	1260	200	ug/kg dry	1745	ND	72.4	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1640	200	ug/kg dry	1741	ND	93.9	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1620	200	ug/kg dry	1742	ND	93.2	75.8-121			
1,3-Dinitrobenzene	1460	200	ug/kg dry	1745	ND	83.8	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1590	200	ug/kg dry	1726	ND	92.0	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1580	200	ug/kg dry	1738	ND	91.1	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1630	200	ug/kg dry	1742	ND	93.6	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1520	200	ug/kg dry	1738	ND	87.7	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1600	200	ug/kg dry	1705	ND	93.9	63.6-130			
2,3-Dinitrotoluene	1680	200	ug/kg dry	1745	ND	96.0	46.2-133			
2,4,6-Trinitrotoluene	1860	200	ug/kg dry	1745	284	90.2	26.1-194			
2,4-Dinitrotoluene	1470	200	ug/kg dry	1745	ND	84.2	66.7-135			
2,5-Dinitrotoluene	1520	200	ug/kg dry	1745	ND	87.1	67.8-128			
2,6-Dinitrotoluene	1590	200	ug/kg dry	1745	ND	91.0	66.1-127			
2-Amino-4,6-dinitrotoluene	1520	200	ug/kg dry	1745	ND	87.3	39-140			
2-Nitrotoluene	1760	200	ug/kg dry	1745	ND	101	72-121			
3,4-Dinitrotoluene	1500	200	ug/kg dry	1745	ND	86.1	64.3-124			
3,5-Dinitroaniline	1590	200	ug/kg dry	1745	ND	91.0	33.5-149			
3,5-Dinitrotoluene	1550	200	ug/kg dry	1745	ND	89.0	72.1-128			
3-Nitrotoluene	1730	200	ug/kg dry	1745	ND	98.9	78.3-118			
4-Amino-2,6-dinitrotoluene	1470	200	ug/kg dry	1745	140	76.1	26.4-153			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610038 - EPA 3570

Matrix Spike (N610038-MS1)	Source: N164303-29			Prepared: 10/27/2016 Analyzed: 10/27/2016 22:02						
4-Nitrotoluene	1730	200	ug/kg dry	1745	ND	99.3	78.6-116			
Nitrobenzene	1770	200	ug/kg dry	1745	ND	101	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3410</i>		<i>ug/kg dry</i>	<i>3386</i>		<i>101</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3460</i>		<i>ug/kg dry</i>	<i>3491</i>		<i>99.3</i>	<i>72-126</i>			

Matrix Spike Dup (N610038-MSD1)	Source: N164303-29			Prepared: 10/27/2016 Analyzed: 10/27/2016 22:29						
1,2-Dimethyl-3,4-Dinitrobenzene	1680	200	ug/kg dry	1726	ND	97.5	64.4-124	5.50	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1650	200	ug/kg dry	1745	ND	94.8	67.8-131	7.10	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1670	200	ug/kg dry	1742	ND	95.9	72.5-119	3.63	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1780	200	ug/kg dry	1742	ND	102	62.8-131	5.19	20	
1,3,5-Trinitrobenzene	1420	200	ug/kg dry	1745	ND	81.1	39.2-186	11.3	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1710	200	ug/kg dry	1741	ND	97.9	70.2-124	4.17	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1710	200	ug/kg dry	1742	ND	98.1	75.8-121	5.17	20	
1,3-Dinitrobenzene	1650	200	ug/kg dry	1745	ND	94.5	58.7-132	12.0	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1630	200	ug/kg dry	1726	ND	94.6	65.6-120	2.77	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1660	200	ug/kg dry	1738	ND	95.3	69.3-127	4.53	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1710	200	ug/kg dry	1742	ND	98.0	72.8-122	4.62	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1630	200	ug/kg dry	1738	ND	93.8	63.4-128	6.75	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1670	200	ug/kg dry	1705	ND	98.1	63.6-130	4.35	20	
2,3-Dinitrotoluene	1760	200	ug/kg dry	1745	ND	101	46.2-133	4.73	20	
2,4,6-Trinitrotoluene	1930	200	ug/kg dry	1745	284	94.4	26.1-194	4.53	20	
2,4-Dinitrotoluene	1520	200	ug/kg dry	1745	ND	87.2	66.7-135	3.50	20	
2,5-Dinitrotoluene	1660	200	ug/kg dry	1745	ND	95.0	67.8-128	8.63	20	
2,6-Dinitrotoluene	1710	200	ug/kg dry	1745	ND	97.8	66.1-127	7.20	20	
2-Amino-4,6-dinitrotoluene	1610	200	ug/kg dry	1745	ND	92.4	39-140	5.73	20	
2-Nitrotoluene	1830	200	ug/kg dry	1745	ND	105	72-121	3.93	20	
3,4-Dinitrotoluene	1620	200	ug/kg dry	1745	ND	93.0	64.3-124	7.64	20	
3,5-Dinitroaniline	1690	200	ug/kg dry	1745	ND	96.7	33.5-149	6.06	20	
3,5-Dinitrotoluene	1650	200	ug/kg dry	1745	ND	94.5	72.1-128	6.00	20	
3-Nitrotoluene	1810	200	ug/kg dry	1745	ND	104	78.3-118	4.80	20	
4-Amino-2,6-dinitrotoluene	1620	200	ug/kg dry	1745	140	84.6	26.4-153	10.5	20	
4-Nitrotoluene	1820	200	ug/kg dry	1745	ND	104	78.6-116	4.79	20	
Nitrobenzene	1820	200	ug/kg dry	1745	ND	104	75.8-113	2.73	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3590</i>		<i>ug/kg dry</i>	<i>3386</i>		<i>106</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3580</i>		<i>ug/kg dry</i>	<i>3491</i>		<i>103</i>	<i>72-126</i>			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610040 - EPA 3570

Blank (N610040-BLK1)

Prepared: 10/28/2016 Analyzed: 10/28/2016 16:41

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2610		ug/kg wet	3880		67.2	48.3-152			
Surrogate: Nitrobenzene-d5	4100		ug/kg wet	4000		102	72-126			

LCS (N610040-BS1)

Prepared: 10/28/2016 Analyzed: 10/28/2016 21:43

1,2-Dimethyl-3,4-Dinitrobenzene	1960	200	ug/kg wet	1978		99.0	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1960	200	ug/kg wet	1999		98.0	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1950	200	ug/kg wet	1996		97.5	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1980	200	ug/kg wet	1996		99.1	79.2-122			
1,3,5-Trinitrobenzene	1750	200	ug/kg wet	2000		87.6	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1950	200	ug/kg wet	1995		97.7	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1960	200	ug/kg wet	1996		98.3	82.7-116			
1,3-Dinitrobenzene	1930	200	ug/kg wet	2000		96.7	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1920	200	ug/kg wet	1978		97.0	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1910	200	ug/kg wet	1992		95.9	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1960	200	ug/kg wet	1996		98.1	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1860	200	ug/kg wet	1992		93.2	80.6-119			



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ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610040 - EPA 3570

LCS (N610040-BS1)

Prepared: 10/28/2016 Analyzed: 10/28/2016 21:43

1,5-Dimethyl-2,4-Dinitrobenzene	1870	200	ug/kg wet	1954		95.5	79.4-120			
2,3-Dinitrotoluene	1850	200	ug/kg wet	2000		92.6	70.3-128			
2,4,6-Trinitrotoluene	2050	200	ug/kg wet	2000		103	74.1-139			
2,4-Dinitrotoluene	2050	200	ug/kg wet	2000		103	67.8-133			
2,5-Dinitrotoluene	1940	200	ug/kg wet	2000		96.8	76.4-123			
2,6-Dinitrotoluene	2000	200	ug/kg wet	2000		100	79.5-120			
2-Amino-4,6-dinitrotoluene	1820	200	ug/kg wet	2000		91.2	60.5-138			
2-Nitrotoluene	2060	200	ug/kg wet	2000		103	77.7-117			
3,4-Dinitrotoluene	1910	200	ug/kg wet	2000		95.6	81.2-120			
3,5-Dinitroaniline	2040	200	ug/kg wet	2000		102	53.2-145			
3,5-Dinitrotoluene	1930	200	ug/kg wet	2000		96.6	81-122			
3-Nitrotoluene	2070	200	ug/kg wet	2000		104	82.5-114			
4-Amino-2,6-dinitrotoluene	1680	200	ug/kg wet	2000		83.8	64.1-133			
4-Nitrotoluene	2070	200	ug/kg wet	2000		103	83.6-112			
Nitrobenzene	2050	200	ug/kg wet	2000		103	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	4270		<i>ug/kg wet</i>	3880		110	48.3-152			
<i>Surrogate: Nitrobenzene-d5</i>	4110		<i>ug/kg wet</i>	4000		103	72-126			

Matrix Spike (N610040-MS1)

Source: N164402-19

Prepared: 10/28/2016 Analyzed: 10/29/2016 04:35

1,2-Dimethyl-3,4-Dinitrobenzene	2010	200	ug/kg dry	1989	ND	101	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	2020	200	ug/kg dry	2011	ND	100	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	2220	200	ug/kg dry	2007	ND	111	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	2350	200	ug/kg dry	2007	ND	117	62.8-131			
1,3,5-Trinitrobenzene	2280	200	ug/kg dry	2011	ND	113	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1980	200	ug/kg dry	2007	ND	98.6	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	2390	200	ug/kg dry	2007	ND	119	75.8-121			
1,3-Dinitrobenzene	1940	200	ug/kg dry	2011	ND	96.3	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	2090	200	ug/kg dry	1989	ND	105	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	2270	200	ug/kg dry	2003	ND	113	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	2300	200	ug/kg dry	2007	ND	115	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1970	200	ug/kg dry	2003	ND	98.2	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	2240	200	ug/kg dry	1965	ND	114	63.6-130			
2,3-Dinitrotoluene	81300	200	ug/kg dry	2011	ND	NR	46.2-133			M1
2,4,6-Trinitrotoluene	152000	200	ug/kg dry	2011	447000	NR	26.1-194			M1
2,4-Dinitrotoluene	159000	200	ug/kg dry	2011	296000	NR	66.7-135			M1
2,5-Dinitrotoluene	2050	200	ug/kg dry	2011	ND	102	67.8-128			
2,6-Dinitrotoluene	13300	200	ug/kg dry	2011	10600	133	66.1-127			M
2-Amino-4,6-dinitrotoluene	2760	200	ug/kg dry	2011	532	111	39-140			
2-Nitrotoluene	2640	200	ug/kg dry	2011	551	104	72-121			
3,4-Dinitrotoluene	2310	200	ug/kg dry	2011	ND	115	64.3-124			
3,5-Dinitroaniline	2530	200	ug/kg dry	2011	ND	126	33.5-149			
3,5-Dinitrotoluene	2500	200	ug/kg dry	2011	ND	124	72.1-128			
3-Nitrotoluene	2100	200	ug/kg dry	2011	76.6	100	78.3-118			
4-Amino-2,6-dinitrotoluene	2770	200	ug/kg dry	2011	517	112	26.4-153			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610040 - EPA 3570

Matrix Spike (N610040-MS1)	Source: N164402-19			Prepared: 10/28/2016 Analyzed: 10/29/2016 04:35						
4-Nitrotoluene	2830	200	ug/kg dry	2011	697	106	78.6-116			
Nitrobenzene	2040	200	ug/kg dry	2011	ND	101	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4360</i>		<i>ug/kg dry</i>	<i>3902</i>		<i>112</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4050</i>		<i>ug/kg dry</i>	<i>4023</i>		<i>101</i>	<i>72-126</i>			

Matrix Spike Dup (N610040-MSD1)	Source: N164402-19			Prepared: 10/28/2016 Analyzed: 10/29/2016 05:03						
1,2-Dimethyl-3,4-Dinitrobenzene	2030	200	ug/kg dry	1989	ND	102	64.4-124	0.916	20	
1,2-Dimethyl-3,5-Dinitrobenzene	2060	200	ug/kg dry	2011	ND	103	67.8-131	2.24	20	
1,2-Dimethyl-3,6-Dinitrobenzene	2140	200	ug/kg dry	2007	ND	107	72.5-119	3.76	20	
1,2-Dimethyl-4,5-Dinitrobenzene	2300	200	ug/kg dry	2007	ND	115	62.8-131	2.00	20	
1,3,5-Trinitrobenzene	2490	200	ug/kg dry	2011	ND	124	39.2-186	9.04	20	
1,3-Dimethyl-2,4-Dinitrobenzene	2040	200	ug/kg dry	2007	ND	102	70.2-124	3.09	20	
1,3-Dimethyl-2,5-Dinitrobenzene	2310	200	ug/kg dry	2007	ND	115	75.8-121	3.21	20	
1,3-Dinitrobenzene	2300	200	ug/kg dry	2011	ND	114	58.7-132	16.9	20	
1,4-Dimethyl-2,3-Dinitrobenzene	2130	200	ug/kg dry	1989	ND	107	65.6-120	1.93	20	
1,4-Dimethyl-2,5-Dinitrobenzene	2230	200	ug/kg dry	2003	ND	111	69.3-127	1.95	20	
1,4-Dimethyl-2,6-Dinitrobenzene	2310	200	ug/kg dry	2007	ND	115	72.8-122	0.383	20	
1,5-Dimethyl-2,3-Dinitrobenzene	2030	200	ug/kg dry	2003	ND	101	63.4-128	2.96	20	
1,5-Dimethyl-2,4-Dinitrobenzene	2260	200	ug/kg dry	1965	ND	115	63.6-130	0.899	20	
2,3-Dinitrotoluene	258000	200	ug/kg dry	2011	ND	NR	46.2-133	104	20	M1
2,4,6-Trinitrotoluene	150000	200	ug/kg dry	2011	447000	NR	26.1-194	NR	20	M1
2,4-Dinitrotoluene	156000	200	ug/kg dry	2011	296000	NR	66.7-135	NR	20	M1
2,5-Dinitrotoluene	2200	200	ug/kg dry	2011	ND	109	67.8-128	7.24	20	
2,6-Dinitrotoluene	13500	200	ug/kg dry	2011	10600	141	66.1-127	5.86	20	M
2-Amino-4,6-dinitrotoluene	2640	200	ug/kg dry	2011	532	105	39-140	5.21	20	
2-Nitrotoluene	2710	200	ug/kg dry	2011	551	108	72-121	3.25	20	
3,4-Dinitrotoluene	2350	200	ug/kg dry	2011	ND	117	64.3-124	1.69	20	
3,5-Dinitroaniline	2570	200	ug/kg dry	2011	ND	128	33.5-149	1.50	20	
3,5-Dinitrotoluene	2490	200	ug/kg dry	2011	ND	124	72.1-128	0.339	20	
3-Nitrotoluene	2170	200	ug/kg dry	2011	76.6	104	78.3-118	3.72	20	
4-Amino-2,6-dinitrotoluene	2710	200	ug/kg dry	2011	517	109	26.4-153	2.69	20	
4-Nitrotoluene	2940	200	ug/kg dry	2011	697	112	78.6-116	5.11	20	
Nitrobenzene	2090	200	ug/kg dry	2011	ND	104	75.8-113	2.56	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4510</i>		<i>ug/kg dry</i>	<i>3902</i>		<i>116</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4210</i>		<i>ug/kg dry</i>	<i>4023</i>		<i>105</i>	<i>72-126</i>			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610042 - EPA 3570

Blank (N610042-BLK1)

Prepared: 10/28/2016 Analyzed: 10/29/2016 07:20

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2900		ug/kg wet	3880		74.8	48.3-152			
Surrogate: Nitrobenzene-d5	4230		ug/kg wet	4000		106	72-126			

LCS (N610042-BS1)

Prepared: 10/28/2016 Analyzed: 10/29/2016 12:23

1,2-Dimethyl-3,4-Dinitrobenzene	1840	200	ug/kg wet	1978		92.8	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1820	200	ug/kg wet	1999		91.1	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1900	200	ug/kg wet	1996		95.4	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1820	200	ug/kg wet	1996		91.3	79.2-122			
1,3,5-Trinitrobenzene	1610	200	ug/kg wet	2000		80.5	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1840	200	ug/kg wet	1995		92.4	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1910	200	ug/kg wet	1996		95.5	82.7-116			
1,3-Dinitrobenzene	1890	200	ug/kg wet	2000		94.6	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1860	200	ug/kg wet	1978		94.2	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1850	200	ug/kg wet	1992		92.8	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1900	200	ug/kg wet	1996		95.1	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1790	200	ug/kg wet	1992		89.8	80.6-119			



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 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610042 - EPA 3570

LCS (N610042-BS1)

Prepared: 10/28/2016 Analyzed: 10/29/2016 12:23

1,5-Dimethyl-2,4-Dinitrobenzene	1800	200	ug/kg wet	1954		91.9	79.4-120			
2,3-Dinitrotoluene	1770	200	ug/kg wet	2000		88.5	70.3-128			
2,4,6-Trinitrotoluene	1930	200	ug/kg wet	2000		96.7	74.1-139			
2,4-Dinitrotoluene	1940	200	ug/kg wet	2000		96.8	67.8-133			
2,5-Dinitrotoluene	1830	200	ug/kg wet	2000		91.5	76.4-123			
2,6-Dinitrotoluene	1890	200	ug/kg wet	2000		94.6	79.5-120			
2-Amino-4,6-dinitrotoluene	1660	200	ug/kg wet	2000		83.0	60.5-138			
2-Nitrotoluene	2000	200	ug/kg wet	2000		99.8	77.7-117			
3,4-Dinitrotoluene	1800	200	ug/kg wet	2000		89.8	81.2-120			
3,5-Dinitroaniline	1850	200	ug/kg wet	2000		92.5	53.2-145			
3,5-Dinitrotoluene	1840	200	ug/kg wet	2000		92.1	81-122			
3-Nitrotoluene	1950	200	ug/kg wet	2000		97.7	82.5-114			
4-Amino-2,6-dinitrotoluene	1470	200	ug/kg wet	2000		73.7	64.1-133			
4-Nitrotoluene	1970	200	ug/kg wet	2000		98.7	83.6-112			
Nitrobenzene	2020	200	ug/kg wet	2000		101	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3780</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>97.4</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3890</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>97.3</i>	<i>72-126</i>			

Matrix Spike (N610042-MS1)

Source: N164403-08

Prepared: 10/28/2016 Analyzed: 10/29/2016 19:15

1,2-Dimethyl-3,4-Dinitrobenzene	1930	200	ug/kg dry	1985	ND	97.0	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1920	200	ug/kg dry	2007	ND	95.6	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1940	200	ug/kg dry	2003	ND	96.8	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	2040	200	ug/kg dry	2003	ND	102	62.8-131			
1,3,5-Trinitrobenzene	1860	200	ug/kg dry	2008	ND	92.9	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1960	200	ug/kg dry	2003	ND	97.7	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1990	200	ug/kg dry	2003	ND	99.1	75.8-121			
1,3-Dinitrobenzene	1980	200	ug/kg dry	2008	ND	98.7	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1900	200	ug/kg dry	1985	ND	95.8	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1950	200	ug/kg dry	1999	ND	97.5	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1990	200	ug/kg dry	2003	ND	99.4	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1850	200	ug/kg dry	1999	ND	92.8	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1960	200	ug/kg dry	1961	ND	99.7	63.6-130			
2,3-Dinitrotoluene	2020	200	ug/kg dry	2008	ND	101	46.2-133			
2,4,6-Trinitrotoluene	6190	200	ug/kg dry	2008	1860	216	26.1-194			M
2,4-Dinitrotoluene	1900	200	ug/kg dry	2008	ND	94.5	66.7-135			
2,5-Dinitrotoluene	2000	200	ug/kg dry	2008	ND	99.8	67.8-128			
2,6-Dinitrotoluene	1990	200	ug/kg dry	2008	ND	99.0	66.1-127			
2-Amino-4,6-dinitrotoluene	1860	200	ug/kg dry	2008	156	85.0	39-140			
2-Nitrotoluene	2060	200	ug/kg dry	2008	ND	103	72-121			
3,4-Dinitrotoluene	1880	200	ug/kg dry	2008	ND	93.7	64.3-124			
3,5-Dinitroaniline	2100	200	ug/kg dry	2008	ND	105	33.5-149			
3,5-Dinitrotoluene	1960	200	ug/kg dry	2008	ND	97.6	72.1-128			
3-Nitrotoluene	2040	200	ug/kg dry	2008	ND	102	78.3-118			
4-Amino-2,6-dinitrotoluene	1680	200	ug/kg dry	2008	156	75.8	26.4-153			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610042 - EPA 3570

Matrix Spike (N610042-MS1)		Source: N164403-08		Prepared: 10/28/2016 Analyzed: 10/29/2016 19:15						
4-Nitrotoluene	2050	200	ug/kg dry	2008	ND	102	78.6-116			
Nitrobenzene	2020	200	ug/kg dry	2008	ND	101	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3970</i>		<i>ug/kg dry</i>	<i>3895</i>		<i>102</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3950</i>		<i>ug/kg dry</i>	<i>4015</i>		<i>98.4</i>	<i>72-126</i>			

Matrix Spike Dup (N610042-MSD1)		Source: N164403-08		Prepared: 10/28/2016 Analyzed: 10/29/2016 19:42						
1,2-Dimethyl-3,4-Dinitrobenzene	2020	200	ug/kg dry	1985	ND	102	64.4-124	4.69	20	
1,2-Dimethyl-3,5-Dinitrobenzene	2000	200	ug/kg dry	2007	ND	99.5	67.8-131	4.02	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1990	200	ug/kg dry	2003	ND	99.1	72.5-119	2.37	20	
1,2-Dimethyl-4,5-Dinitrobenzene	2040	200	ug/kg dry	2003	ND	102	62.8-131	0.209	20	
1,3,5-Trinitrobenzene	1930	200	ug/kg dry	2008	ND	96.1	39.2-186	3.37	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1940	200	ug/kg dry	2003	ND	97.0	70.2-124	0.630	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1980	200	ug/kg dry	2003	ND	99.0	75.8-121	0.111	20	
1,3-Dinitrobenzene	2070	200	ug/kg dry	2008	ND	103	58.7-132	4.29	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1890	200	ug/kg dry	1985	ND	95.3	65.6-120	0.458	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1960	200	ug/kg dry	1999	ND	98.2	69.3-127	0.667	20	
1,4-Dimethyl-2,6-Dinitrobenzene	2000	200	ug/kg dry	2003	ND	99.9	72.8-122	0.518	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1950	200	ug/kg dry	1999	ND	97.6	63.4-128	5.08	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1980	200	ug/kg dry	1961	ND	101	63.6-130	1.10	20	
2,3-Dinitrotoluene	2090	200	ug/kg dry	2008	ND	104	46.2-133	3.18	20	
2,4,6-Trinitrotoluene	6570	200	ug/kg dry	2008	1860	235	26.1-194	8.42	20	M
2,4-Dinitrotoluene	1840	200	ug/kg dry	2008	ND	91.9	66.7-135	2.84	20	
2,5-Dinitrotoluene	2060	200	ug/kg dry	2008	ND	103	67.8-128	2.74	20	
2,6-Dinitrotoluene	1990	200	ug/kg dry	2008	ND	99.4	66.1-127	0.392	20	
2-Amino-4,6-dinitrotoluene	2000	200	ug/kg dry	2008	156	91.7	39-140	7.66	20	
2-Nitrotoluene	2060	200	ug/kg dry	2008	ND	102	72-121	0.353	20	
3,4-Dinitrotoluene	1910	200	ug/kg dry	2008	ND	94.9	64.3-124	1.32	20	
3,5-Dinitroaniline	2120	200	ug/kg dry	2008	ND	106	33.5-149	0.763	20	
3,5-Dinitrotoluene	1990	200	ug/kg dry	2008	ND	98.9	72.1-128	1.31	20	
3-Nitrotoluene	2030	200	ug/kg dry	2008	ND	101	78.3-118	0.532	20	
4-Amino-2,6-dinitrotoluene	1890	200	ug/kg dry	2008	156	86.3	26.4-153	12.9	20	
4-Nitrotoluene	2050	200	ug/kg dry	2008	ND	102	78.6-116	0.189	20	
Nitrobenzene	2020	200	ug/kg dry	2008	ND	101	75.8-113	0.222	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3950</i>		<i>ug/kg dry</i>	<i>3895</i>		<i>101</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3940</i>		<i>ug/kg dry</i>	<i>4015</i>		<i>98.1</i>	<i>72-126</i>			



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610044 - EPA 3570

Blank (N610044-BLK1)

Prepared: 10/28/2016 Analyzed: 10/29/2016 21:59

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2930		ug/kg wet	3880		75.4	48.3-152			
Surrogate: Nitrobenzene-d5	4150		ug/kg wet	4000		104	72-126			

LCS (N610044-BS1)

Prepared: 10/28/2016 Analyzed: 10/30/2016 03:02

1,2-Dimethyl-3,4-Dinitrobenzene	2110	200	ug/kg wet	1978		107	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	2190	200	ug/kg wet	1999		109	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	2140	200	ug/kg wet	1996		107	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	2270	200	ug/kg wet	1996		114	79.2-122			
1,3,5-Trinitrobenzene	2640	200	ug/kg wet	2000		132	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	2160	200	ug/kg wet	1995		108	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	2090	200	ug/kg wet	1996		105	82.7-116			
1,3-Dinitrobenzene	2850	200	ug/kg wet	2000		142	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	2020	200	ug/kg wet	1978		102	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	2090	200	ug/kg wet	1992		105	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	2140	200	ug/kg wet	1996		107	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	2130	200	ug/kg wet	1992		107	80.6-119			



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 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610044 - EPA 3570

LCS (N610044-BS1)

Prepared: 10/28/2016 Analyzed: 10/30/2016 03:02

1,5-Dimethyl-2,4-Dinitrobenzene	2170	200	ug/kg wet	1954		111	79.4-120			
2,3-Dinitrotoluene	2050	200	ug/kg wet	2000		103	70.3-128			
2,4,6-Trinitrotoluene	3450	200	ug/kg wet	2000		173	74.1-139			
2,4-Dinitrotoluene	2400	200	ug/kg wet	2000		120	67.8-133			
2,5-Dinitrotoluene	2430	200	ug/kg wet	2000		121	76.4-123			
2,6-Dinitrotoluene	2260	200	ug/kg wet	2000		113	79.5-120			
2-Amino-4,6-dinitrotoluene	2200	200	ug/kg wet	2000		110	60.5-138			
2-Nitrotoluene	2210	200	ug/kg wet	2000		111	77.7-117			
3,4-Dinitrotoluene	2110	200	ug/kg wet	2000		106	81.2-120			
3,5-Dinitroaniline	2490	200	ug/kg wet	2000		125	53.2-145			
3,5-Dinitrotoluene	2200	200	ug/kg wet	2000		110	81-122			
3-Nitrotoluene	2240	200	ug/kg wet	2000		112	82.5-114			
4-Amino-2,6-dinitrotoluene	2230	200	ug/kg wet	2000		112	64.1-133			
4-Nitrotoluene	2190	200	ug/kg wet	2000		109	83.6-112			
Nitrobenzene	2180	200	ug/kg wet	2000		109	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4360</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>112</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4260</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>107</i>	<i>72-126</i>			

Matrix Spike (N610044-MS1)

Source: N164403-32

Prepared: 10/28/2016 Analyzed: 10/30/2016 09:53

1,2-Dimethyl-3,4-Dinitrobenzene	1690	200	ug/kg dry	2012	ND	84.2	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1840	200	ug/kg dry	2034	ND	90.3	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1940	200	ug/kg dry	2031	ND	95.3	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	2180	200	ug/kg dry	2031	ND	108	62.8-131			
1,3,5-Trinitrobenzene	4630	200	ug/kg dry	2035	ND	227	39.2-186			M1
1,3-Dimethyl-2,4-Dinitrobenzene	2060	200	ug/kg dry	2030	ND	102	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	2010	200	ug/kg dry	2031	ND	99.0	75.8-121			
1,3-Dinitrobenzene	2410	200	ug/kg dry	2035	267	105	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1850	200	ug/kg dry	2012	ND	91.9	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1970	200	ug/kg dry	2027	ND	97.0	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	2010	200	ug/kg dry	2031	ND	99.1	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1740	200	ug/kg dry	2027	ND	86.0	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1960	200	ug/kg dry	1988	ND	98.6	63.6-130			
2,3-Dinitrotoluene	1820	200	ug/kg dry	2035	ND	89.3	46.2-133			
2,4,6-Trinitrotoluene	206000	200	ug/kg dry	2035	1200000	NR	26.1-194			M1
2,4-Dinitrotoluene	2890	200	ug/kg dry	2035	643	111	66.7-135			
2,5-Dinitrotoluene	2100	200	ug/kg dry	2035	ND	103	67.8-128			
2,6-Dinitrotoluene	2100	200	ug/kg dry	2035	144	96.1	66.1-127			
2-Amino-4,6-dinitrotoluene	7100	200	ug/kg dry	2035	5480	79.7	39-140			
2-Nitrotoluene	2050	200	ug/kg dry	2035	ND	101	72-121			
3,4-Dinitrotoluene	1840	200	ug/kg dry	2035	ND	90.4	64.3-124			
3,5-Dinitroaniline	2870	200	ug/kg dry	2035	512	116	33.5-149			
3,5-Dinitrotoluene	1990	200	ug/kg dry	2035	130	91.5	72.1-128			
3-Nitrotoluene	2070	200	ug/kg dry	2035	ND	102	78.3-118			
4-Amino-2,6-dinitrotoluene	10700	200	ug/kg dry	2035	9220	71.6	26.4-153			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610044 - EPA 3570

Matrix Spike (N610044-MS1)	Source: N164403-32			Prepared: 10/28/2016 Analyzed: 10/30/2016 09:53						
4-Nitrotoluene	2020	200	ug/kg dry	2035	ND	99.3	78.6-116			
Nitrobenzene	2030	200	ug/kg dry	2035	ND	99.7	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4330</i>		<i>ug/kg dry</i>	<i>3947</i>		<i>110</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4050</i>		<i>ug/kg dry</i>	<i>4069</i>		<i>99.5</i>	<i>72-126</i>			

Matrix Spike Dup (N610044-MSD1)	Source: N164403-32			Prepared: 10/28/2016 Analyzed: 10/30/2016 10:21						
1,2-Dimethyl-3,4-Dinitrobenzene	1800	200	ug/kg dry	2012	ND	89.5	64.4-124	6.12	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1900	200	ug/kg dry	2034	ND	93.6	67.8-131	3.55	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1980	200	ug/kg dry	2031	ND	97.6	72.5-119	2.37	20	
1,2-Dimethyl-4,5-Dinitrobenzene	2150	200	ug/kg dry	2031	ND	106	62.8-131	1.38	20	
1,3,5-Trinitrobenzene	4490	200	ug/kg dry	2035	ND	221	39.2-186	2.90	20	M1
1,3-Dimethyl-2,4-Dinitrobenzene	2100	200	ug/kg dry	2030	ND	103	70.2-124	1.84	20	
1,3-Dimethyl-2,5-Dinitrobenzene	2060	200	ug/kg dry	2031	ND	101	75.8-121	2.41	20	
1,3-Dinitrobenzene	2670	200	ug/kg dry	2035	267	118	58.7-132	11.2	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1900	200	ug/kg dry	2012	ND	94.3	65.6-120	2.56	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1990	200	ug/kg dry	2027	ND	98.1	69.3-127	1.17	20	
1,4-Dimethyl-2,6-Dinitrobenzene	2010	200	ug/kg dry	2031	ND	98.9	72.8-122	0.188	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1840	200	ug/kg dry	2027	ND	90.8	63.4-128	5.38	20	
1,5-Dimethyl-2,4-Dinitrobenzene	2010	200	ug/kg dry	1988	ND	101	63.6-130	2.29	20	
2,3-Dinitrotoluene	1880	200	ug/kg dry	2035	ND	92.4	46.2-133	3.41	20	
2,4,6-Trinitrotoluene	210000	200	ug/kg dry	2035	1200000	NR	26.1-194	NR	20	M1
2,4-Dinitrotoluene	2990	200	ug/kg dry	2035	643	115	66.7-135	4.26	20	
2,5-Dinitrotoluene	2240	200	ug/kg dry	2035	ND	110	67.8-128	6.55	20	
2,6-Dinitrotoluene	2170	200	ug/kg dry	2035	144	99.4	66.1-127	3.33	20	
2-Amino-4,6-dinitrotoluene	7040	200	ug/kg dry	2035	5480	76.8	39-140	3.67	20	
2-Nitrotoluene	2110	200	ug/kg dry	2035	ND	104	72-121	2.77	20	
3,4-Dinitrotoluene	1960	200	ug/kg dry	2035	ND	96.3	64.3-124	6.28	20	
3,5-Dinitroaniline	2890	200	ug/kg dry	2035	512	117	33.5-149	0.826	20	
3,5-Dinitrotoluene	2080	200	ug/kg dry	2035	130	95.7	72.1-128	4.48	20	
3-Nitrotoluene	2130	200	ug/kg dry	2035	ND	105	78.3-118	3.07	20	
4-Amino-2,6-dinitrotoluene	10700	200	ug/kg dry	2035	9220	73.3	26.4-153	2.30	20	
4-Nitrotoluene	2110	200	ug/kg dry	2035	ND	104	78.6-116	4.15	20	
Nitrobenzene	2100	200	ug/kg dry	2035	ND	103	75.8-113	3.27	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4250</i>		<i>ug/kg dry</i>	<i>3947</i>		<i>108</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4180</i>		<i>ug/kg dry</i>	<i>4069</i>		<i>103</i>	<i>72-126</i>			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610046 - EPA 3570

Blank (N610046-BLK1)

Prepared: 10/29/2016 Analyzed: 10/31/2016 09:34

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2450		ug/kg wet	3880		63.2	48.3-152			
Surrogate: Nitrobenzene-d5	3840		ug/kg wet	4000		96.1	72-126			

LCS (N610046-BS1)

Prepared: 10/29/2016 Analyzed: 10/31/2016 14:36

1,2-Dimethyl-3,4-Dinitrobenzene	1920	200	ug/kg wet	1978		96.9	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1830	200	ug/kg wet	1999		91.6	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1880	200	ug/kg wet	1996		94.3	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1920	200	ug/kg wet	1996		96.1	79.2-122			
1,3,5-Trinitrobenzene	1730	200	ug/kg wet	2000		86.5	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1890	200	ug/kg wet	1995		94.8	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1910	200	ug/kg wet	1996		95.6	82.7-116			
1,3-Dinitrobenzene	2070	200	ug/kg wet	2000		103	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1880	200	ug/kg wet	1978		95.0	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1860	200	ug/kg wet	1992		93.4	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1900	200	ug/kg wet	1996		95.2	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1820	200	ug/kg wet	1992		91.5	80.6-119			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610046 - EPA 3570

LCS (N610046-BS1)

Prepared: 10/29/2016 Analyzed: 10/31/2016 14:36

1,5-Dimethyl-2,4-Dinitrobenzene	1860	200	ug/kg wet	1954		95.4	79.4-120			
2,3-Dinitrotoluene	1800	200	ug/kg wet	2000		89.8	70.3-128			
2,4,6-Trinitrotoluene	1950	200	ug/kg wet	2000		97.3	74.1-139			
2,4-Dinitrotoluene	2000	200	ug/kg wet	2000		99.9	67.8-133			
2,5-Dinitrotoluene	1950	200	ug/kg wet	2000		97.3	76.4-123			
2,6-Dinitrotoluene	1950	200	ug/kg wet	2000		97.4	79.5-120			
2-Amino-4,6-dinitrotoluene	1740	200	ug/kg wet	2000		87.0	60.5-138			
2-Nitrotoluene	1970	200	ug/kg wet	2000		98.5	77.7-117			
3,4-Dinitrotoluene	1820	200	ug/kg wet	2000		90.9	81.2-120			
3,5-Dinitroaniline	1840	200	ug/kg wet	2000		91.8	53.2-145			
3,5-Dinitrotoluene	1890	200	ug/kg wet	2000		94.7	81-122			
3-Nitrotoluene	2010	200	ug/kg wet	2000		101	82.5-114			
4-Amino-2,6-dinitrotoluene	1570	200	ug/kg wet	2000		78.4	64.1-133			
4-Nitrotoluene	1980	200	ug/kg wet	2000		99.1	83.6-112			
Nitrobenzene	1990	200	ug/kg wet	2000		99.5	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3680</i>		<i>ug/kg wet</i>	<i>3880</i>		<i>94.9</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3880</i>		<i>ug/kg wet</i>	<i>4000</i>		<i>97.1</i>	<i>72-126</i>			

Matrix Spike (N610046-MS1)

Source: N164403-53

Prepared: 10/29/2016 Analyzed: 10/31/2016 21:27

1,2-Dimethyl-3,4-Dinitrobenzene	94200	210	ug/kg dry	2061	75800	896	64.4-124			M1
1,2-Dimethyl-3,5-Dinitrobenzene	70400	210	ug/kg dry	2083	64600	281	67.8-131			M1
1,2-Dimethyl-3,6-Dinitrobenzene	18800	210	ug/kg dry	2080	17800	51.6	72.5-119			M1
1,2-Dimethyl-4,5-Dinitrobenzene	35000	210	ug/kg dry	2080	29000	289	62.8-131			M1
1,3,5-Trinitrobenzene	2950	210	ug/kg dry	2084	ND	142	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	113000	210	ug/kg dry	2079	93500	962	70.2-124			M1
1,3-Dimethyl-2,5-Dinitrobenzene	2490	210	ug/kg dry	2080	ND	120	75.8-121			
1,3-Dinitrobenzene	2630	210	ug/kg dry	2084	216	116	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	123000	210	ug/kg dry	2061	102000	NR	65.6-120			M1
1,4-Dimethyl-2,5-Dinitrobenzene	15500	210	ug/kg dry	2076	13800	79.6	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	43300	210	ug/kg dry	2080	33000	497	72.8-122			M1
1,5-Dimethyl-2,3-Dinitrobenzene	9580	210	ug/kg dry	2076	7620	94.2	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	43500	210	ug/kg dry	2036	351000	NR	63.6-130			M1
2,3-Dinitrotoluene	2440	210	ug/kg dry	2084	ND	117	46.2-133			
2,4,6-Trinitrotoluene	57300	210	ug/kg dry	2084	57600	NR	26.1-194			M1
2,4-Dinitrotoluene	3500	210	ug/kg dry	2084	1370	102	66.7-135			
2,5-Dinitrotoluene	2270	210	ug/kg dry	2084	ND	109	67.8-128			
2,6-Dinitrotoluene	2700	210	ug/kg dry	2084	563	103	66.1-127			
2-Amino-4,6-dinitrotoluene	7100	210	ug/kg dry	2084	4960	103	39-140			
2-Nitrotoluene	2130	210	ug/kg dry	2084	102	97.4	72-121			
3,4-Dinitrotoluene	2540	210	ug/kg dry	2084	ND	122	64.3-124			
3,5-Dinitroaniline	2350	210	ug/kg dry	2084	ND	113	33.5-149			
3,5-Dinitrotoluene	2450	210	ug/kg dry	2084	ND	117	72.1-128			
3-Nitrotoluene	2120	210	ug/kg dry	2084	61.7	98.6	78.3-118			
4-Amino-2,6-dinitrotoluene	6760	210	ug/kg dry	2084	4520	108	26.4-153			



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Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610046 - EPA 3570

Matrix Spike (N610046-MS1)		Source: N164403-53		Prepared: 10/29/2016 Analyzed: 10/31/2016 21:27						
4-Nitrotoluene	2220	210	ug/kg dry	2084	163	98.9	78.6-116			
Nitrobenzene	2240	210	ug/kg dry	2084	271	94.6	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3920</i>		<i>ug/kg dry</i>	<i>4043</i>		<i>97.1</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4060</i>		<i>ug/kg dry</i>	<i>4168</i>		<i>97.4</i>	<i>72-126</i>			

Matrix Spike Dup (N610046-MSD1)		Source: N164403-53		Prepared: 10/29/2016 Analyzed: 10/31/2016 21:54						
1,2-Dimethyl-3,4-Dinitrobenzene	93400	210	ug/kg dry	2061	75800	854	64.4-124	4.83	20	M1
1,2-Dimethyl-3,5-Dinitrobenzene	70500	210	ug/kg dry	2083	64600	286	67.8-131	1.70	20	M1
1,2-Dimethyl-3,6-Dinitrobenzene	19500	210	ug/kg dry	2080	17800	81.9	72.5-119	45.4	20	M1
1,2-Dimethyl-4,5-Dinitrobenzene	35400	210	ug/kg dry	2080	29000	309	62.8-131	6.81	20	M1
1,3,5-Trinitrobenzene	2970	210	ug/kg dry	2084	ND	143	39.2-186	0.571	20	
1,3-Dimethyl-2,4-Dinitrobenzene	114000	210	ug/kg dry	2079	93500	979	70.2-124	1.72	20	M1
1,3-Dimethyl-2,5-Dinitrobenzene	2550	210	ug/kg dry	2080	ND	123	75.8-121	2.26	20	M
1,3-Dinitrobenzene	2640	210	ug/kg dry	2084	216	116	58.7-132	0.311	20	
1,4-Dimethyl-2,3-Dinitrobenzene	119000	210	ug/kg dry	2061	102000	794	65.6-120	23.9	20	M1
1,4-Dimethyl-2,5-Dinitrobenzene	15700	210	ug/kg dry	2076	13800	92.7	69.3-127	15.2	20	
1,4-Dimethyl-2,6-Dinitrobenzene	43100	210	ug/kg dry	2080	33000	485	72.8-122	2.40	20	M1
1,5-Dimethyl-2,3-Dinitrobenzene	9300	210	ug/kg dry	2076	7620	81.0	63.4-128	15.1	20	
1,5-Dimethyl-2,4-Dinitrobenzene	143000	210	ug/kg dry	2036	351000	NR	63.6-130	NR	20	M1
2,3-Dinitrotoluene	2590	210	ug/kg dry	2084	ND	124	46.2-133	5.70	20	
2,4,6-Trinitrotoluene	52400	210	ug/kg dry	2084	57600	NR	26.1-194	NR	20	M1
2,4-Dinitrotoluene	3320	210	ug/kg dry	2084	1370	93.5	66.7-135	8.89	20	
2,5-Dinitrotoluene	2310	210	ug/kg dry	2084	ND	111	67.8-128	1.74	20	
2,6-Dinitrotoluene	2710	210	ug/kg dry	2084	563	103	66.1-127	0.436	20	
2-Amino-4,6-dinitrotoluene	6910	210	ug/kg dry	2084	4960	93.9	39-140	9.32	20	
2-Nitrotoluene	2150	210	ug/kg dry	2084	102	98.5	72-121	1.11	20	
3,4-Dinitrotoluene	2540	210	ug/kg dry	2084	ND	122	64.3-124	0.0434	20	
3,5-Dinitroaniline	2270	210	ug/kg dry	2084	ND	109	33.5-149	3.35	20	
3,5-Dinitrotoluene	2420	210	ug/kg dry	2084	ND	116	72.1-128	0.993	20	
3-Nitrotoluene	2160	210	ug/kg dry	2084	61.7	101	78.3-118	2.04	20	
4-Amino-2,6-dinitrotoluene	6540	210	ug/kg dry	2084	4520	97.1	26.4-153	10.4	20	
4-Nitrotoluene	2240	210	ug/kg dry	2084	163	99.6	78.6-116	0.641	20	
Nitrobenzene	2260	210	ug/kg dry	2084	271	95.3	75.8-113	0.778	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>4030</i>		<i>ug/kg dry</i>	<i>4043</i>		<i>99.7</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>4070</i>		<i>ug/kg dry</i>	<i>4168</i>		<i>97.6</i>	<i>72-126</i>			



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 Project Number: LBIO-66526 Amendment 11
 Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610049 - EPA 3570

Blank (N610049-BLK1)

Prepared: 10/31/2016 Analyzed: 11/02/2016 01:48

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2320		ug/kg wet	3880		59.8	48.3-152			
Surrogate: Nitrobenzene-d5	3900		ug/kg wet	4000		97.5	72-126			

LCS (N610049-BS1)

Prepared: 10/31/2016 Analyzed: 11/01/2016 05:13

1,2-Dimethyl-3,4-Dinitrobenzene	1880	200	ug/kg wet	1978		95.2	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1920	200	ug/kg wet	1999		95.9	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1820	200	ug/kg wet	1996		91.0	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1830	200	ug/kg wet	1996		91.6	79.2-122			
1,3,5-Trinitrobenzene	1630	200	ug/kg wet	2000		81.3	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1870	200	ug/kg wet	1995		93.6	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1890	200	ug/kg wet	1996		94.5	82.7-116			
1,3-Dinitrobenzene	1920	200	ug/kg wet	2000		96.0	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1820	200	ug/kg wet	1978		92.2	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1810	200	ug/kg wet	1992		90.6	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1850	200	ug/kg wet	1996		92.7	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1860	200	ug/kg wet	1992		93.5	80.6-119			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610049 - EPA 3570

LCS (N610049-BS1)

Prepared: 10/31/2016 Analyzed: 11/01/2016 05:13

1,5-Dimethyl-2,4-Dinitrobenzene	1770	200	ug/kg wet	1954		90.4	79.4-120			
2,3-Dinitrotoluene	1730	200	ug/kg wet	2000		86.4	70.3-128			
2,4,6-Trinitrotoluene	1950	200	ug/kg wet	2000		97.4	74.1-139			
2,4-Dinitrotoluene	2030	200	ug/kg wet	2000		101	67.8-133			
2,5-Dinitrotoluene	1880	200	ug/kg wet	2000		94.0	76.4-123			
2,6-Dinitrotoluene	1880	200	ug/kg wet	2000		93.9	79.5-120			
2-Amino-4,6-dinitrotoluene	1770	200	ug/kg wet	2000		88.7	60.5-138			
2-Nitrotoluene	1950	200	ug/kg wet	2000		97.7	77.7-117			
3,4-Dinitrotoluene	1740	200	ug/kg wet	2000		87.2	81.2-120			
3,5-Dinitroaniline	1820	200	ug/kg wet	2000		91.1	53.2-145			
3,5-Dinitrotoluene	1790	200	ug/kg wet	2000		89.4	81-122			
3-Nitrotoluene	1940	200	ug/kg wet	2000		97.2	82.5-114			
4-Amino-2,6-dinitrotoluene	1690	200	ug/kg wet	2000		84.4	64.1-133			
4-Nitrotoluene	1970	200	ug/kg wet	2000		98.6	83.6-112			
Nitrobenzene	1970	200	ug/kg wet	2000		98.5	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	3820		<i>ug/kg wet</i>	3880		98.5	48.3-152			
<i>Surrogate: Nitrobenzene-d5</i>	3840		<i>ug/kg wet</i>	4000		96.1	72-126			

Matrix Spike (N610049-MS1)

Source: N164404-09

Prepared: 10/31/2016 Analyzed: 11/01/2016 12:04

1,2-Dimethyl-3,4-Dinitrobenzene	1910	200	ug/kg dry	2011	ND	95.0	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1950	200	ug/kg dry	2033	ND	96.1	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1890	200	ug/kg dry	2029	ND	93.3	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1920	200	ug/kg dry	2029	ND	94.7	62.8-131			
1,3,5-Trinitrobenzene	1940	200	ug/kg dry	2034	ND	95.2	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	2010	200	ug/kg dry	2029	ND	99.3	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1920	200	ug/kg dry	2029	ND	94.6	75.8-121			
1,3-Dinitrobenzene	2110	200	ug/kg dry	2034	ND	104	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1870	200	ug/kg dry	2011	ND	92.8	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1940	200	ug/kg dry	2025	ND	95.6	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1950	200	ug/kg dry	2029	ND	96.2	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1950	200	ug/kg dry	2025	ND	96.1	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1940	200	ug/kg dry	1987	ND	97.4	63.6-130			
2,3-Dinitrotoluene	1810	200	ug/kg dry	2034	ND	88.9	46.2-133			
2,4,6-Trinitrotoluene	7680	200	ug/kg dry	2034	2290	265	26.1-194			M1
2,4-Dinitrotoluene	2070	200	ug/kg dry	2034	ND	102	66.7-135			
2,5-Dinitrotoluene	2000	200	ug/kg dry	2034	ND	98.3	67.8-128			
2,6-Dinitrotoluene	1980	200	ug/kg dry	2034	ND	97.5	66.1-127			
2-Amino-4,6-dinitrotoluene	1790	200	ug/kg dry	2034	183	79.2	39-140			
2-Nitrotoluene	1970	200	ug/kg dry	2034	ND	97.1	72-121			
3,4-Dinitrotoluene	1820	200	ug/kg dry	2034	ND	89.7	64.3-124			
3,5-Dinitroaniline	1890	200	ug/kg dry	2034	ND	93.0	33.5-149			
3,5-Dinitrotoluene	1910	200	ug/kg dry	2034	ND	94.1	72.1-128			
3-Nitrotoluene	2000	200	ug/kg dry	2034	ND	98.2	78.3-118			
4-Amino-2,6-dinitrotoluene	1770	200	ug/kg dry	2034	200	77.2	26.4-153			



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Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610049 - EPA 3570

Matrix Spike (N610049-MS1)	Source: N164404-09			Prepared: 10/31/2016 Analyzed: 11/01/2016 12:04						
4-Nitrotoluene	2010	200	ug/kg dry	2034	ND	99.0	78.6-116			
Nitrobenzene	1950	200	ug/kg dry	2034	ND	96.1	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3970</i>		<i>ug/kg dry</i>	<i>3945</i>		<i>101</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3860</i>		<i>ug/kg dry</i>	<i>4067</i>		<i>95.0</i>	<i>72-126</i>			

Matrix Spike Dup (N610049-MSD1)	Source: N164404-09			Prepared: 10/31/2016 Analyzed: 11/01/2016 13:20						
1,2-Dimethyl-3,4-Dinitrobenzene	1860	200	ug/kg dry	2011	ND	92.6	64.4-124	2.46	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1930	200	ug/kg dry	2033	ND	94.8	67.8-131	1.35	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1870	200	ug/kg dry	2029	ND	92.3	72.5-119	1.08	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1910	200	ug/kg dry	2029	ND	94.0	62.8-131	0.823	20	
1,3,5-Trinitrobenzene	1930	200	ug/kg dry	2034	ND	94.7	39.2-186	0.536	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1990	200	ug/kg dry	2029	ND	97.9	70.2-124	1.39	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1940	200	ug/kg dry	2029	ND	95.8	75.8-121	1.26	20	
1,3-Dinitrobenzene	2120	200	ug/kg dry	2034	ND	104	58.7-132	0.679	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1850	200	ug/kg dry	2011	ND	91.9	65.6-120	1.01	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1890	200	ug/kg dry	2025	ND	93.4	69.3-127	2.31	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1910	200	ug/kg dry	2029	ND	94.3	72.8-122	1.96	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1880	200	ug/kg dry	2025	ND	92.6	63.4-128	3.65	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1880	200	ug/kg dry	1987	ND	94.8	63.6-130	2.73	20	
2,3-Dinitrotoluene	1750	200	ug/kg dry	2034	ND	85.9	46.2-133	3.42	20	
2,4,6-Trinitrotoluene	32500	200	ug/kg dry	2034	2290	NR	26.1-194	139	20	M1
2,4-Dinitrotoluene	2130	200	ug/kg dry	2034	ND	105	66.7-135	2.70	20	
2,5-Dinitrotoluene	1970	200	ug/kg dry	2034	ND	96.7	67.8-128	1.57	20	
2,6-Dinitrotoluene	1960	200	ug/kg dry	2034	ND	96.3	66.1-127	1.27	20	
2-Amino-4,6-dinitrotoluene	2000	200	ug/kg dry	2034	183	89.3	39-140	12.0	20	
2-Nitrotoluene	1960	200	ug/kg dry	2034	ND	96.4	72-121	0.716	20	
3,4-Dinitrotoluene	1810	200	ug/kg dry	2034	ND	89.0	64.3-124	0.825	20	
3,5-Dinitroaniline	1900	200	ug/kg dry	2034	ND	93.7	33.5-149	0.752	20	
3,5-Dinitrotoluene	1890	200	ug/kg dry	2034	ND	93.0	72.1-128	1.25	20	
3-Nitrotoluene	2000	200	ug/kg dry	2034	ND	98.3	78.3-118	0.0763	20	
4-Amino-2,6-dinitrotoluene	1920	200	ug/kg dry	2034	200	84.6	26.4-153	9.13	20	
4-Nitrotoluene	2010	200	ug/kg dry	2034	ND	98.6	78.6-116	0.381	20	
Nitrobenzene	1990	200	ug/kg dry	2034	ND	97.9	75.8-113	1.90	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3850</i>		<i>ug/kg dry</i>	<i>3945</i>		<i>97.6</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3960</i>		<i>ug/kg dry</i>	<i>4067</i>		<i>97.4</i>	<i>72-126</i>			



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Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Explosive Compounds by EPA Method 8270 - Quality Control
ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610050 - EPA 3570

Blank (N610050-BLK1)

Prepared: 10/31/2016 Analyzed: 11/01/2016 23:31

1,2-Dimethyl-3,4-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,5-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-3,6-Dinitrobenzene	ND	200	ug/kg wet							
1,2-Dimethyl-4,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,5-Dinitrobenzene	ND	200	ug/kg wet							
1,4-Dimethyl-2,6-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,3-Dinitrobenzene	ND	200	ug/kg wet							
1,5-Dimethyl-2,4-Dinitrobenzene	ND	200	ug/kg wet							
2,3-Dinitrotoluene	ND	200	ug/kg wet							
2,4,6-Trinitrotoluene	ND	200	ug/kg wet							
2,4-Dinitrotoluene	ND	200	ug/kg wet							
2,5-Dinitrotoluene	ND	200	ug/kg wet							
2,6-Dinitrotoluene	ND	200	ug/kg wet							
2-Amino-4,6-dinitrotoluene	ND	200	ug/kg wet							
2-Nitrotoluene	ND	200	ug/kg wet							
3,4-Dinitrotoluene	ND	200	ug/kg wet							
3,5-Dinitroaniline	ND	200	ug/kg wet							
3,5-Dinitrotoluene	ND	200	ug/kg wet							
3-Nitrotoluene	ND	200	ug/kg wet							
4-Amino-2,6-dinitrotoluene	ND	200	ug/kg wet							
4-Nitrotoluene	ND	200	ug/kg wet							
Nitrobenzene	ND	200	ug/kg wet							
1,3,5-Trinitro-2,4-dimethylbenzene	ND	200	ug/kg wet							
Surrogate: 2,2'-Dinitrobiphenyl	2800		ug/kg wet	3880		72.1	48.3-152			
Surrogate: Nitrobenzene-d5	3930		ug/kg wet	4000		98.1	72-126			

LCS (N610050-BS1)

Prepared: 10/31/2016 Analyzed: 11/02/2016 01:21

1,2-Dimethyl-3,4-Dinitrobenzene	1760	200	ug/kg wet	1978		88.9	81.4-119			
1,2-Dimethyl-3,5-Dinitrobenzene	1720	200	ug/kg wet	1999		85.9	80.1-121			
1,2-Dimethyl-3,6-Dinitrobenzene	1810	200	ug/kg wet	1996		90.7	81.8-116			
1,2-Dimethyl-4,5-Dinitrobenzene	1670	200	ug/kg wet	1996		83.6	79.2-122			
1,3,5-Trinitrobenzene	1690	200	ug/kg wet	2000		84.7	60.4-167			
1,3-Dimethyl-2,4-Dinitrobenzene	1800	200	ug/kg wet	1995		90.3	79.6-118			
1,3-Dimethyl-2,5-Dinitrobenzene	1860	200	ug/kg wet	1996		93.1	82.7-116			
1,3-Dinitrobenzene	1950	200	ug/kg wet	2000		97.5	69.8-129			
1,4-Dimethyl-2,3-Dinitrobenzene	1750	200	ug/kg wet	1978		88.4	68.8-126			
1,4-Dimethyl-2,5-Dinitrobenzene	1790	200	ug/kg wet	1992		90.1	81.7-118			
1,4-Dimethyl-2,6-Dinitrobenzene	1800	200	ug/kg wet	1996		90.4	81.5-117			
1,5-Dimethyl-2,3-Dinitrobenzene	1750	200	ug/kg wet	1992		87.7	80.6-119			



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610050 - EPA 3570

LCS (N610050-BS1)

Prepared: 10/31/2016 Analyzed: 11/02/2016 01:21

1,5-Dimethyl-2,4-Dinitrobenzene	1770	200	ug/kg wet	1954		90.6	79.4-120			
2,3-Dinitrotoluene	1690	200	ug/kg wet	2000		84.7	70.3-128			
2,4,6-Trinitrotoluene	1790	200	ug/kg wet	2000		89.6	74.1-139			
2,4-Dinitrotoluene	1990	200	ug/kg wet	2000		99.3	67.8-133			
2,5-Dinitrotoluene	1830	200	ug/kg wet	2000		91.5	76.4-123			
2,6-Dinitrotoluene	1830	200	ug/kg wet	2000		91.5	79.5-120			
2-Amino-4,6-dinitrotoluene	1600	200	ug/kg wet	2000		80.0	60.5-138			
2-Nitrotoluene	1920	200	ug/kg wet	2000		96.1	77.7-117			
3,4-Dinitrotoluene	1720	200	ug/kg wet	2000		85.8	81.2-120			
3,5-Dinitroaniline	1660	200	ug/kg wet	2000		82.8	53.2-145			
3,5-Dinitrotoluene	1800	200	ug/kg wet	2000		89.8	81-122			
3-Nitrotoluene	1900	200	ug/kg wet	2000		95.1	82.5-114			
4-Amino-2,6-dinitrotoluene	1440	200	ug/kg wet	2000		72.0	64.1-133			
4-Nitrotoluene	1940	200	ug/kg wet	2000		96.9	83.6-112			
Nitrobenzene	1940	200	ug/kg wet	2000		97.2	83.4-112			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	3500		ug/kg wet	3880		90.1	48.3-152			
<i>Surrogate: Nitrobenzene-d5</i>	3810		ug/kg wet	4000		95.2	72-126			

Matrix Spike (N610050-MS1)

Source: N164404-26

Prepared: 10/31/2016 Analyzed: 11/02/2016 00:26

1,2-Dimethyl-3,4-Dinitrobenzene	1740	200	ug/kg dry	2000	ND	87.1	64.4-124			
1,2-Dimethyl-3,5-Dinitrobenzene	1650	200	ug/kg dry	2021	ND	81.4	67.8-131			
1,2-Dimethyl-3,6-Dinitrobenzene	1800	200	ug/kg dry	2018	ND	89.3	72.5-119			
1,2-Dimethyl-4,5-Dinitrobenzene	1680	200	ug/kg dry	2018	ND	83.0	62.8-131			
1,3,5-Trinitrobenzene	1450	200	ug/kg dry	2022	ND	71.9	39.2-186			
1,3-Dimethyl-2,4-Dinitrobenzene	1770	200	ug/kg dry	2017	ND	88.0	70.2-124			
1,3-Dimethyl-2,5-Dinitrobenzene	1820	200	ug/kg dry	2018	ND	90.0	75.8-121			
1,3-Dinitrobenzene	1730	200	ug/kg dry	2022	ND	85.6	58.7-132			
1,4-Dimethyl-2,3-Dinitrobenzene	1710	200	ug/kg dry	2000	ND	85.5	65.6-120			
1,4-Dimethyl-2,5-Dinitrobenzene	1740	200	ug/kg dry	2014	ND	86.3	69.3-127			
1,4-Dimethyl-2,6-Dinitrobenzene	1770	200	ug/kg dry	2018	ND	87.8	72.8-122			
1,5-Dimethyl-2,3-Dinitrobenzene	1650	200	ug/kg dry	2014	ND	81.8	63.4-128			
1,5-Dimethyl-2,4-Dinitrobenzene	1710	200	ug/kg dry	1975	ND	86.4	63.6-130			
2,3-Dinitrotoluene	1790	200	ug/kg dry	2022	ND	88.5	46.2-133			
2,4,6-Trinitrotoluene	1810	200	ug/kg dry	2022	165	81.2	26.1-194			
2,4-Dinitrotoluene	1640	200	ug/kg dry	2022	ND	81.2	66.7-135			
2,5-Dinitrotoluene	1740	200	ug/kg dry	2022	ND	86.0	67.8-128			
2,6-Dinitrotoluene	1740	200	ug/kg dry	2022	ND	86.2	66.1-127			
2-Amino-4,6-dinitrotoluene	1490	200	ug/kg dry	2022	ND	73.6	39-140			
2-Nitrotoluene	1900	200	ug/kg dry	2022	ND	93.8	72-121			
3,4-Dinitrotoluene	1640	200	ug/kg dry	2022	ND	81.0	64.3-124			
3,5-Dinitroaniline	1570	200	ug/kg dry	2022	ND	77.6	33.5-149			
3,5-Dinitrotoluene	1710	200	ug/kg dry	2022	ND	84.5	72.1-128			
3-Nitrotoluene	1860	200	ug/kg dry	2022	ND	92.1	78.3-118			
4-Amino-2,6-dinitrotoluene	1400	200	ug/kg dry	2022	ND	69.4	26.4-153			



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ECCS - Lab #14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610050 - EPA 3570

Matrix Spike (N610050-MS1)	Source: N164404-26			Prepared: 10/31/2016 Analyzed: 11/02/2016 00:26						
4-Nitrotoluene	1900	200	ug/kg dry	2022	ND	93.9	78.6-116			
Nitrobenzene	1910	200	ug/kg dry	2022	ND	94.3	75.8-113			
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3360</i>		<i>ug/kg dry</i>	<i>3922</i>		<i>85.7</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3750</i>		<i>ug/kg dry</i>	<i>4044</i>		<i>92.8</i>	<i>72-126</i>			

Matrix Spike Dup (N610050-MSD1)	Source: N164404-26			Prepared: 10/31/2016 Analyzed: 11/02/2016 00:54						
1,2-Dimethyl-3,4-Dinitrobenzene	1820	200	ug/kg dry	2000	ND	91.1	64.4-124	4.46	20	
1,2-Dimethyl-3,5-Dinitrobenzene	1820	200	ug/kg dry	2021	ND	90.2	67.8-131	10.3	20	
1,2-Dimethyl-3,6-Dinitrobenzene	1810	200	ug/kg dry	2018	ND	89.9	72.5-119	0.726	20	
1,2-Dimethyl-4,5-Dinitrobenzene	1770	200	ug/kg dry	2018	ND	87.8	62.8-131	5.55	20	
1,3,5-Trinitrobenzene	1750	200	ug/kg dry	2022	ND	86.4	39.2-186	18.3	20	
1,3-Dimethyl-2,4-Dinitrobenzene	1850	200	ug/kg dry	2017	ND	91.6	70.2-124	4.09	20	
1,3-Dimethyl-2,5-Dinitrobenzene	1830	200	ug/kg dry	2018	ND	90.8	75.8-121	0.899	20	
1,3-Dinitrobenzene	1900	200	ug/kg dry	2022	ND	93.8	58.7-132	9.20	20	
1,4-Dimethyl-2,3-Dinitrobenzene	1800	200	ug/kg dry	2000	ND	90.0	65.6-120	5.08	20	
1,4-Dimethyl-2,5-Dinitrobenzene	1790	200	ug/kg dry	2014	ND	89.0	69.3-127	3.12	20	
1,4-Dimethyl-2,6-Dinitrobenzene	1840	200	ug/kg dry	2018	ND	91.4	72.8-122	3.98	20	
1,5-Dimethyl-2,3-Dinitrobenzene	1790	200	ug/kg dry	2014	ND	88.7	63.4-128	8.08	20	
1,5-Dimethyl-2,4-Dinitrobenzene	1800	200	ug/kg dry	1975	ND	91.0	63.6-130	5.17	20	
2,3-Dinitrotoluene	1650	200	ug/kg dry	2022	ND	81.6	46.2-133	8.12	20	
2,4,6-Trinitrotoluene	2010	200	ug/kg dry	2022	165	91.4	26.1-194	11.8	20	
2,4-Dinitrotoluene	1940	200	ug/kg dry	2022	ND	95.8	66.7-135	16.6	20	
2,5-Dinitrotoluene	1850	200	ug/kg dry	2022	ND	91.4	67.8-128	6.12	20	
2,6-Dinitrotoluene	1840	200	ug/kg dry	2022	ND	90.8	66.1-127	5.17	20	
2-Amino-4,6-dinitrotoluene	1670	200	ug/kg dry	2022	ND	82.7	39-140	11.6	20	
2-Nitrotoluene	1900	200	ug/kg dry	2022	ND	94.2	72-121	0.424	20	
3,4-Dinitrotoluene	1690	200	ug/kg dry	2022	ND	83.3	64.3-124	2.87	20	
3,5-Dinitroaniline	1730	200	ug/kg dry	2022	ND	85.3	33.5-149	9.46	20	
3,5-Dinitrotoluene	1800	200	ug/kg dry	2022	ND	88.8	72.1-128	4.99	20	
3-Nitrotoluene	1930	200	ug/kg dry	2022	ND	95.2	78.3-118	3.30	20	
4-Amino-2,6-dinitrotoluene	1600	200	ug/kg dry	2022	ND	79.0	26.4-153	13.0	20	
4-Nitrotoluene	1920	200	ug/kg dry	2022	ND	94.8	78.6-116	0.931	20	
Nitrobenzene	1920	200	ug/kg dry	2022	ND	95.0	75.8-113	0.738	20	
<i>Surrogate: 2,2'-Dinitrobiphenyl</i>	<i>3590</i>		<i>ug/kg dry</i>	<i>3922</i>		<i>91.6</i>	<i>48.3-152</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>3790</i>		<i>ug/kg dry</i>	<i>4044</i>		<i>93.8</i>	<i>72-126</i>			



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610002 - % Solids

Duplicate (N610002-DUP1)	Source: N164102-04		Prepared: 10/07/2016 Analyzed: 10/08/2016 10:07							
% Solids	99.2	0.00	% by Weight		99.3			0.117	20	

Batch N610004 - % Solids

Duplicate (N610004-DUP1)	Source: N164102-23		Prepared: 10/10/2016 Analyzed: 10/11/2016 11:12							
% Solids	99.3	0.00	% by Weight		99.4			0.144	20	

Batch N610006 - % Solids

Duplicate (N610006-DUP1)	Source: N164103-20		Prepared: 10/11/2016 Analyzed: 10/12/2016 12:13							
% Solids	98.9	0.00	% by Weight		98.9			0.0360	20	

Batch N610008 - % Solids

Duplicate (N610008-DUP1)	Source: N164104-11		Prepared: 10/12/2016 Analyzed: 10/13/2016 15:21							
% Solids	98.9	0.00	% by Weight		98.9			0.0195	20	

Batch N610010 - % Solids

Duplicate (N610010-DUP1)	Source: N164104-19		Prepared: 10/13/2016 Analyzed: 10/14/2016 10:52							
% Solids	98.8	0.00	% by Weight		98.9			0.0498	20	

Batch N610011 - % Solids

Duplicate (N610011-DUP1)	Source: N164105-07		Prepared: 10/13/2016 Analyzed: 10/14/2016 10:57							
% Solids	98.9	0.00	% by Weight		99.0			0.0196	20	



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610015 - % Solids

Duplicate (N610015-DUP1)	Source: N164201-05		Prepared: 10/17/2016 Analyzed: 10/18/2016 07:41							
% Solids	99.7	0.00	% by Weight		99.6			0.0785	20	

Batch N610016 - % Solids

Duplicate (N610016-DUP1)	Source: N164201-18		Prepared: 10/17/2016 Analyzed: 10/18/2016 07:46							
% Solids	99.6	0.00	% by Weight		99.6			0.0132	20	

Batch N610018 - % Solids

Duplicate (N610018-DUP1)	Source: N164201-45		Prepared: 10/18/2016 Analyzed: 10/19/2016 08:35							
% Solids	97.6	0.00	% by Weight		97.5			0.0936	20	

Batch N610020 - % Solids

Duplicate (N610020-DUP1)	Source: N164201-59		Prepared: 10/19/2016 Analyzed: 10/20/2016 08:44							
% Solids	98.9	0.00	% by Weight		99.0			0.0292	20	

Batch N610021 - % Solids

Duplicate (N610021-DUP1)	Source: N164301-01		Prepared: 10/21/2016 Analyzed: 10/21/2016 08:16							
% Solids	99.0	0.00	% by Weight		99.0			0.00934	20	

Batch N610023 - % Solids

Duplicate (N610023-DUP1)	Source: N164301-21		Prepared: 10/21/2016 Analyzed: 10/22/2016 10:42							
% Solids	99.7	0.00	% by Weight		99.8			0.0397	20	



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610032 - % Solids

Duplicate (N610032-DUP1)		Source: N164303-12		Prepared: 10/25/2016 Analyzed: 10/26/2016 07:48						
% Solids	99.5	0.00	% by Weight		99.5			0.00137	20	

Batch N610033 - % Solids

Duplicate (N610033-DUP1)		Source: N164401-01		Prepared: 10/26/2016 Analyzed: 10/27/2016 10:16						
% Solids	99.7	0.00	% by Weight		99.7			0.00367	20	

Batch N610036 - % Solids

Duplicate (N610036-DUP1)		Source: N164401-23		Prepared: 10/26/2016 Analyzed: 10/27/2016 10:11						
% Solids	99.4	0.00	% by Weight		99.5			0.163	20	

Batch N610037 - % Solids

Duplicate (N610037-DUP1)		Source: N164402-15		Prepared: 10/27/2016 Analyzed: 10/28/2016 08:36						
% Solids	99.7	0.00	% by Weight		99.7			0.0426	20	

Batch N610039 - % Solids

Duplicate (N610039-DUP1)		Source: N164403-06		Prepared: 10/28/2016 Analyzed: 10/29/2016 10:21						
% Solids	99.7	0.00	% by Weight		99.6			0.0369	20	

Batch N610041 - % Solids

Duplicate (N610041-DUP1)		Source: N164403-24		Prepared: 10/28/2016 Analyzed: 10/29/2016 10:37						
% Solids	99.6	0.00	% by Weight		99.7			0.0400	20	



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch N610043 - % Solids

Duplicate (N610043-DUP1)		Source: N164403-44		Prepared: 10/28/2016 Analyzed: 10/31/2016 07:41						
% Solids	98.2	0.00	% by Weight		98.2			0.0321	20	

Batch N610045 - % Solids

Duplicate (N610045-DUP1)		Source: N164404-04		Prepared: 10/29/2016 Analyzed: 10/31/2016 07:46						
% Solids	98.6	0.00	% by Weight		98.6			0.0297	20	

Batch N610047 - % Solids

Duplicate (N610047-DUP1)		Source: N164404-24		Prepared: 10/31/2016 Analyzed: 11/01/2016 09:27						
% Solids	98.6	0.00	% by Weight		98.6			0.0116	20	

Batch N610048 - % Solids

Duplicate (N610048-DUP1)		Source: N164404-34		Prepared: 10/31/2016 Analyzed: 11/01/2016 09:32						
% Solids	98.7	0.00	% by Weight		98.7			0.0266	20	



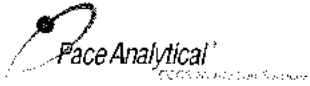
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500 West Jefferson St, Ste 1600
Louisville KY, 40202

Project: DuPont Barksdale Explosives Plant - Barksdale, WI
Project Number: LBIO-66526 Amendment 11
Project Manager: Cary Pooler

Notes and Definitions

- X Precision for the matrix spike duplicate, laboratory control sample duplicate or lab duplicate was outside of control limits.
- S Surrogate recovery was outside of laboratory control limits due to an apparent matrix effect.
- M1 Spike recoveries were not evaluated because of elevated levels of the spiked analyte in the parent sample.
- M The matrix spike and/or matrix spike duplicate recovery was outside of the laboratory control limits.
- LC Results may be biased low because of low continuing calibration verification (CCV).
- HC Results may be biased high because of high continuing calibration verification (CCV).
- E1 Estimated value because of quality control sample exceedances.
- DO Diluted out.
- D Data reported from a dilution
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference



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CHAIN OF CUSTODY

No. 7106

Page: 1 of 1

Project Number:				PO Number:				Lab Work Order #: A164101				Report To:			
Project Name: BAR SI 2016				Preservation Codes				Company:				Address 1:			
Project Location (City, State):				Analyses Requested				Address 2:				E-mail Address:			
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix				Total # of Containers				Invoice To:			
If Rush, Report Due Date:												Company:			
Sampled By (Print):				Matrix				Total # of Containers				Address 2:			
Sample Description												Collection			
				Date				Time				Lab ID			
				Date				Time				Lab Receipt Time			
SITE-160928-042X (0.0-2.5)				9/29/16				1525				01			
SITE-160928-043S (1.0-2.0)								1535				02			
SITE-160928-043C (2.0-2.5)								1539				03			
SITE-160928-043N (1.0-2.0)								1543				04			
SITE-160928-043X (0.0-2.5)								1547				05			
SITE-160928-044S (1.0-2.0)								1552				06			
SITE-160928-044C (2.0-2.5)								1556				07			
SITE-160928-044N (1.0-2.0)								1600				08			
SITE-160928-044X (0.0-2.5)				↓				1605				09			
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)				Other Comments:				Relinquished By: <i>[Signature]</i>				Date: 10/1/16			
Matrix Codes A=Air S=Soil W=Water O=Other								Relinquished By:				Time: 1130			
								Date:				Received By: <i>[Signature]</i>			
								Time:				Date: 10/6/16			
								Received By:				Time: 1130			
								Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:			
								Receipt Temp:				Thermometer # Exp. Date:			
								Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N							



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CHAIN OF CUSTODY
 No. 7105

Page: 2 of: 2

Project Number:		PO Number:		Lab Work Order #: <u>N164101</u>		Report To:									
Project Name: <u>BAR SI 2016</u>				Preservation Codes		Company:									
Project Location (City, State):				Analyses Requested		Address 1:									
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush						Address 2:									
If Rush, Report Due Date:						E-mail Address:									
Sampled By (Print):						Invoice To:									
						Company:									
						Address 1:									
						Address 2:									
Sample Description		Collection		Matrix	Total # of Containers	Matrix	Total # of Containers	Comments	Lab ID	Lab Receipt Time					
		Date	Time												
<u>SITC - 160923-0385 (2.0-2.5)</u>		<u>9/23/16</u>	<u>1536</u>	<u>S</u>	<u>1</u>	<u>O</u>			<u>10</u>						
<u>SITC - 160923-03850386 (2.0-2.5)</u>		<u> </u>	<u>1540</u>	<u>S</u>	<u>1</u>	<u>O</u>			<u>11</u>						
<u>SITC - 160923-039X (0.0-2.0)</u>		<u> </u>	<u>1650</u>	<u>S</u>	<u>1</u>	<u>O</u>			<u>12</u>						
<u>SITC - 160923-040X (0.0-2.0)</u>		<u>✓</u>	<u>1651</u>	<u>S</u>	<u>1</u>	<u>O</u>			<u>13</u>						
<u>SITC - 160924-041X (0.0-2.0)</u>		<u>9/24/16</u>	<u>1545</u>	<u>S</u>	<u>1</u>	<u>XX</u>			<u>14</u>						
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: 		Relinquished By: <u>[Signature]</u> Relinquished By:		Date: <u>10/6/16</u> Date:		Time: <u>1130</u> Time:		Received By: <u>[Signature]</u> Received By:		Date: <u>10/6/16</u> Date:		Time: <u>1130</u> Time:	
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N					



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CHAIN OF CUSTODY

No. 7102

Page: 1 of 1

Project Number:				PO Number:				Lab Work Order #: N164102				Report To:			
Project Name: BAR SE 2016				Preservation Codes				Company:				Address 1:			
Project Location (City, State):				Analyses Requested				Address 2:				E-mail Address:			
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix				Total # of Containers				Invoice To:			
If Rush, Report Due Date:												Company:			
Sampled By (Print):				Matrix				Total # of Containers				Address 2:			
Sample Description												Collection			
		Date		Time											
SITG-160915-025C (3.5-4.0)		9/15/16		0908		S 1		1		0				01	
SITG-160915-025N (2.0-3.0)		9/15/16		0915		S 1		1		0				02	
SITG-160915-025S (2.0-3.0)				0920		S 1		1		0				03	
SITG-160915-025X (1.0-3.5)				0910		S 4		4		0		+MS/MSD 1 DUP		04/25	
SITG-160915-031T(0.0-1.0)				1535		S 1		1		0		031T		05	
SITG-160915-026T(0.0-1.0)				1537		S 1		1		0		026T		06	
SITG-160915-027T(0.0-1.0)				1540		S 1		1		0		027T		07	
SITG-160915-028T(0.0-1.0)				1542		S 1		1		0		028T		08	
SITG-160915-029T(0.0-1.0)				1545		S 1		1		0		029T		09	
SITG-160915-030T(0.0-1.0)				1547		S 1		1		0		030T		10	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)				Other Comments:				Relinquished By: <i>[Signature]</i> Date: 10/16/2016 Time: 1130				Received By: <i>[Signature]</i> Date: 10/16/16 Time: 1130			
Matrix Codes A=Air S=Soil W=Water O=Other				Relinquished By:				Date:				Time:			
<input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:				Receipt Temp:				Thermometer #/ Exp. Date:			
												Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N			



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CHAIN OF CUSTODY

No. 7103

Page: 1 of 1

Project Number:		PO Number:		Lab Work Order #: N164102				Report To:					
Project Name: BAR SI 2016		Preservation Codes				Company:							
Project Location (City, State):		Analyses Requested				Address 1:							
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Matrix Total # of Containers NMDCS 9% Moist				Address 2:							
If Rush, Report Due Date:						E-mail Address:							
Sampled By (Print):						Invoice To:							
Sample Description		Collection		Comments				Lab ID		Lab Receipt Time			
		Date	Time					Company:		Address 1:		Address 2:	
SITG-160922-032X (0.0-3.0)		9/22/16	1115	S	1			11					
SITG-160922-033X (0.0-3.0)		↓	1125	S	1			12					
SITG-160922-034X (0.0-3.0)		↓	1120	S	1			13					
SITG-160922-035X (0.0-3.0)		9/22/16	1130	S	1			14					
Preservation Codes		Other Comments:		Relinquished By:		Date: 10/6/16		Time: 1130		Received By:	Date: 10/6/16	Time: 1130	
A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other				Relinquished By:		Date:		Time:		Received By:		Date:	Time:
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N			



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CHAIN OF CUSTODY

No. 7104

Page: 1 of 2

Project Number: _____ PO Number: _____		Preservation Codes		Report To: _____	
Project Name: BAR SI 2016		Analyses Requested		Company: _____	
Project Location (City, State): _____				Address 1: _____	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Address 2: _____	
If Rush, Report Due Date: _____				E-mail Address: _____	
Sampled By (Print): _____				Invoice To: _____	
				Company: _____	
				Address 1: _____	
				Address 2: _____	
				Comments	
				Lab ID	
				Lab Receipt Time	
Sample Description		Collection Date Time		Matrix	
				Total # of Containers	
				NND's	
				% Moist	
SITC-160923-036X (0.0-2.5)		9/23/16 1155		S 1 2	
SITC-160923-036C (2.0-2.5)		1125		S 1	
SITC-160923-036N (2.0-2.5)		1111		S 1	
SITC-160923-036S (2.0-2.5)		1113		S 1	
SITC-160923-037X (0.0-2.5)		1109		S 1	
SITC-160923-037C (2.0-2.5)		1129		S 1	
SITC-160923-037N (2.0-2.5)		1127		S 1	
SITC-160923-037S (2.0-2.5)		1131		S 1	
SITC-160923-038X (0.0-2.5)		1530		S 4	
SITC-160923-038N (2.0-2.5)		1533		S 1 2	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: Relinquished By: <i>[Signature]</i> Relinquished By: _____ Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Date: 10/16/16 Date: _____ Shipped Via: _____ Receipt Temp: _____ Thermometer # Exp. Date: _____ Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	
				Received By: <i>[Signature]</i> Received By: _____ Date: 10/16/16 Date: _____ Time: 1130 Time: _____	



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CHAIN OF CUSTODY

No. 5854

Page: 1 of 3

Project Number:		PO Number:		Lab Work Order #: N164103				Report To:																																																																																																																																																																								
Project Name: BAR ST 2016		Preservation Codes				Company:																																																																																																																																																																										
Project Location (City, State):		Analyses Requested				Address 1:																																																																																																																																																																										
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Matrix Total # of Containers NHOCs 0% moist				Address 2:																																																																																																																																																																										
If Rush, Report Due Date:						E-mail Address:																																																																																																																																																																										
Sampled By (Print):		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sample Description</th> <th colspan="2">Collection</th> <th rowspan="2">Matrix</th> <th rowspan="2">Total # of Containers</th> <th rowspan="2">NHOCs</th> <th rowspan="2">0% moist</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2">Comments</th> <th rowspan="2">Lab ID</th> <th rowspan="2">Lab Receipt Time</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>SITL-160929-045X</td><td>9/24/16</td><td>0830</td><td>S</td><td>1</td><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>01</td><td></td></tr> <tr><td>SITL-160929-046X</td><td> </td><td>0850</td><td>S</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>02</td><td></td></tr> <tr><td>SITL-160929-046C</td><td> </td><td>0852</td><td>S</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>03</td><td></td></tr> <tr><td>SITL-160929-046S</td><td> </td><td>0855</td><td>S</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>04</td><td></td></tr> <tr><td>SITL-160929-046N</td><td> </td><td>0858</td><td>S</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>05</td><td></td></tr> <tr><td>SITL-160929-047X</td><td> </td><td>0910</td><td>S</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>06</td><td></td></tr> <tr><td>SITL-160929-047C</td><td> </td><td>0912</td><td>S</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>07</td><td></td></tr> <tr><td>SITL-160929-047S</td><td> </td><td>0915</td><td>S</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>08</td><td></td></tr> <tr><td>SITL-160929-047N</td><td> </td><td>0917</td><td>S</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>09</td><td></td></tr> <tr><td>SITL-160929-048X</td><td>↓</td><td>0925</td><td>S</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>10</td><td></td></tr> </tbody> </table>				Sample Description	Collection		Matrix	Total # of Containers	NHOCs	0% moist						Comments	Lab ID	Lab Receipt Time	Date	Time	SITL-160929-045X	9/24/16	0830	S	1	6								01		SITL-160929-046X		0850	S	1									02		SITL-160929-046C		0852	S	1									03		SITL-160929-046S		0855	S	1									04		SITL-160929-046N		0858	S	1									05		SITL-160929-047X		0910	S	1									06		SITL-160929-047C		0912	S	1									07		SITL-160929-047S		0915	S	1									08		SITL-160929-047N		0917	S	1									09		SITL-160929-048X	↓	0925	S	1									10		Invoice To:			
Sample Description	Collection						Matrix	Total # of Containers													NHOCs	0% moist						Comments	Lab ID	Lab Receipt Time																																																																																																																																																		
	Date	Time																																																																																																																																																																														
SITL-160929-045X	9/24/16	0830	S	1	6								01																																																																																																																																																																			
SITL-160929-046X		0850	S	1									02																																																																																																																																																																			
SITL-160929-046C		0852	S	1									03																																																																																																																																																																			
SITL-160929-046S		0855	S	1									04																																																																																																																																																																			
SITL-160929-046N		0858	S	1									05																																																																																																																																																																			
SITL-160929-047X		0910	S	1									06																																																																																																																																																																			
SITL-160929-047C		0912	S	1									07																																																																																																																																																																			
SITL-160929-047S		0915	S	1									08																																																																																																																																																																			
SITL-160929-047N		0917	S	1									09																																																																																																																																																																			
SITL-160929-048X	↓	0925	S	1									10																																																																																																																																																																			
		Company:				Address 1:																																																																																																																																																																										
						Address 2:																																																																																																																																																																										
						Address 2:																																																																																																																																																																										

Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other	Other Comments:	Relinquished By: <i>[Signature]</i>	Date: 10/16/16	Time: 1130	Received By: <i>[Signature]</i>	Date: 10/16/16	Time: 1130
		Relinquished By:	Date:	Time:	Received By:	Date:	Time:
		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:	Receipt Temp:	Thermometer #/ Exp. Date:	Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N



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CHAIN OF CUSTODY

No. 5855

Page: 2 of 3

Lab Work Order #: M164103		Report To:	
Preservation Codes		Company:	
Analyses Requested		Address 1:	
		Address 2:	
		E-mail Address:	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Invoice To:	
If Rush, Report Due Date:		Company:	
Sampled By (Print):		Address 1:	
		Address 2:	
		Lab ID	
		Lab Receipt Time	

Sample Description	Collection		Matrix	Total # of Containers	MNOG	%							Comments	Lab ID	Lab Receipt Time
	Date	Time													
SITG-160929-048C	9/29/16	0928	S	1	0									11	
SITG-160929-048S		0930	S	1										12	
SITG-160929-048N		0932	S	1										13	
SITG-160929-049X		1555	S	1										14	
SITG-160929-049N		1550	S	1										15	
SITG-160929-049C		1559	S	1										16	
SITG-160929-050C		1603	S	1										17	
SITG-160929-050N		1601	S	1										18	
SITG-160929-051E		1605	S	1										19	
SITG-160929-051W		1600	S	1										20	

Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other	Other Comments:	Relinquished By: <i>[Signature]</i>	Date: 10/16/16	Time: 1130	Received By: <i>[Signature]</i>	Date: 10/16/16	Time: 1130
		Relinquished By:	Date:	Time:	Received By:	Date:	Time:
		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:	Receipt Temp:	Thermometer # Exp. Date:	Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N



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CHAIN OF CUSTODY

No. **5856**

Page: **3** of: **3**

Lab Work Order #: N164103					Report To:	
Project Number:					Company:	
PO Number:					Address 1:	
Project Name: BAR ST 2016					Address 2:	
Project Location (City, State):					E-mail Address:	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush					Invoice To:	
If Rush, Report Due Date:					Company:	
Sampled By (Print):					Address 1:	
					Address 2:	
					Comments	
					Lab ID	
					Lab Receipt Time	

Sample Description	Collection		Matrix	Total # of Containers	Notes	Lab ID	Lab Receipt Time
	Date	Time					
SITG-160929-051C	9/29/16	1559	S	1	NHOL3 9/29/16	21	
SITG-160929-052X		1625	S	1		22	
SITG-160929-052C		1627	S	1		23	
SITG-160929-052E		1628	S	1		24	
SITG-160929-052W		1626	S	1		25	
SITG-160929-053X		1630	S	1		26	
SITG-160929-053C		1632	S	1		27	
SITG-160929-053E		1634	S	1		28	
SITG-160929-053W		1635	S	1		29	
SITG- (NS)					(NS)		

Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=MNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)	Other Comments:	Relinquished By: <i>[Signature]</i>	Date: 10/6/16	Time: 1130	Received By: <i>[Signature]</i>	Date: 10/6/16	Time: 1130
		Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Matrix Codes A=Air S=Soil W=Water O=Other	<input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact	Shipped Via:	Receipt Temp:	Thermometer #/ Exp. Date:	Temp Blank:	<input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7099

Page: 2 of 2

Project Number: <u>10505619</u> PO Number:		Lab Work Order #: <u>N164104</u>		Report To:																					
Project Name: <u>BAR ST 2016</u>		Preservation Codes		Company:																					
Project Location (City, State):		Analyses Requested		Address 1:																					
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Matrix</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Total # of Containers</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);"><u>N/A</u></td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);"><u>96</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												Matrix	Total # of Containers	<u>N/A</u>	<u>96</u>							Address 2:	
Matrix	Total # of Containers			<u>N/A</u>	<u>96</u>																				
If Rush, Report Due Date:				E-mail Address:		Invoice To:																			
Sampled By (Print):		Company:		Address 1:																					
Sample Description		Collection		Address 2:																					
		Date	Time	Matrix	Total # of Containers	Comments	Lab ID	Lab Receipt Time																	
<u>SITG-160912-015S (3.0-3.5)</u>		<u>9/12/16</u>	<u>1602</u>	<u>S</u>	<u>1</u>	<u>01</u>																			
<u>SITG-160912-015N (3.0-3.5)</u>			<u>1607</u>	<u>S</u>	<u>1</u>	<u>02</u>																			
<u>SITG-160912-015C (4.0-4.5)</u>			<u>1605</u>	<u>S</u>	<u>1</u>	<u>03</u>																			
<u>SITG-160912-016S (3.0-3.5)</u>			<u>1700</u>	<u>S</u>	<u>1</u>	<u>04</u>																			
<u>SITG-160912-016N (3.0-3.5)</u>			<u>1704</u>	<u>S</u>	<u>1</u>	<u>05</u>																			
<u>SITG-160912-016C (4.0-4.5)</u>			<u>1710</u>	<u>S</u>	<u>1</u>	<u>06</u>																			
<u>SITG-160912-016X (1.0-4.5)</u>		<u>✓</u>	<u>1702</u>	<u>S</u>	<u>1</u>	<u>07</u>																			
<u>SITG-160911-017X (1.0-3.5)</u>		<u>9/11/16</u>	<u>1130</u>	<u>S</u>	<u>1</u>	<u>08</u>																			
<u>SITG-160911-018X (0.0-1.0)</u>		<u>9/11/16</u>	<u>1125</u>	<u>S</u>	<u>1</u>	<u>09</u>																			
<u>SITG-160909-019X (1.0-3.5)</u>		<u>9/9/16</u>	<u>1600</u>	<u>S</u>	<u>1</u>	<u>10</u>																			
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (indicate)		Other Comments: 		Relinquished By: <u>[Signature]</u> Date: <u>10/6/16</u> Time: <u>1730</u>		Received By: <u>[Signature]</u> Date: <u>10/6/16</u> Time: <u>1130</u>																			
Matrix Codes A=Air S=Soil W=Water O=Other		Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact																			
		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:																			
						Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N																			



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CHAIN OF CUSTODY

No. 7100

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Project Number:				PO Number:				Lab Work Order #: N164104				Report To:					
Project Name: BAR 2016 ST				Preservation Codes				Company:				Address 1:					
Project Location (City, State):				Analyses Requested				Address 2:				E-mail Address:					
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix				Total # of Containers				Invoice To:					
If Rush, Report Due Date:												Company:				Address 1:	
Sampled By (Print):				Matrix				Total # of Containers				Address 2:					
Sample Description												Collection				Comments	
				Date		Time						Lab ID		Lab Receipt Time			
SITC-160913-019X (2)																	
SITC-160913-020X (1.0-4.5)				9/13/16		1130		S 1				11					
SITC-160913-020C (4.0-4.5)				↓		1140		S 1				12					
SITC-160913-020N (3.0-3.5)						1133		S 1				13					
SITC-160913-020S (3.0-3.5)						1136		S 1				14					
SITC-160913-021X (1.0-4.5)						1405		S 1				15					
SITC-160913-021E (3.0-3.5)						1410		S 1				16					
SITC-160913-021S (3.0-3.5)						1413		S 1				17					
SITC-160913-021C (4.0-4.5)						1417		S 1				18					
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other				Other Comments: Relinquished By: <i>[Signature]</i> Relinquished By:				Date: 10/6/16 Date:		Time: 1130 Time:		Received By: <i>[Signature]</i> Received By:		Date: 10/6/16 Date:		Time: 1130 Time:	
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer # Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N							



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CHAIN OF CUSTODY

No. 7101

Page: 1 of 1

Project Number:		PO Number:		Lab Work Order #: N164104		Report To:					
Project Name: BAR ST 2016		Preservation Codes		Analyses Requested		Company:					
Project Location (City, State):		Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		E-mail Address:		Address 1:					
If Rush, Report Due Date:		Sampled By (Print):		Invoice To:		Company:					
Sample Description		Collection		Matrix	Total # of Containers	Matrix	% Moist	Address 1:			
		Date	Time					Address 2:			
SITC-160914-022X (2.0-3.5)		9/14/16	1705	S	4	NNOCI % moist 		Comments			
SITC-160914-023X (2.0-3.0)			1715	S	1			Dup logged in as separate sample +ms/msd/DUF		Lab ID	Lab Receipt Time
SITC-160914-024C (3.5-4.0)			1720	S	1			19/25	20		
SITC-160914-024N (2.0-3.5)			1722	S	1			21	22		
SITC-160914-024S (2.0-3.5)			1724	S	1			23	24		
SITC-160914-024X (2.0-3.5)			1725	S	1						
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments:		Relinquished By:		Date: 10/6/16	Time: 1130	Received By:			
Matrix Codes A=Air S=Soil W=Water O=Other				Relinquished By:		Date:	Time:	Received By:			
				Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:			
						Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N			



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CHAIN OF CUSTODY

No. **5852**

Page: | of: |

Project Number:		PO Number:		Lab Work Order #: M164105				Report To:									
Project Name:		Preservation Codes				Company:											
Project Location (City, State):		Analyses Requested				Address 1:											
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Matrix</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Total # of Containers</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">NNOCs</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">% MOISTURE</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Matrix	Total # of Containers	NNOCs	% MOISTURE					Address 2:			
Matrix	Total # of Containers					NNOCs	% MOISTURE										
If Rush, Report Due Date:						Invoice To:				Company:							
Sampled By (Print):		Address 1:				Address 2:											
Sample Description	Collection		Matrix	Total # of Containers	NNOCs	% MOISTURE				Comments	Lab ID	Lab Receipt Time					
	Date	Time															
SIT6-160901-001X	09/01/16	1545	S	1	✓	x					01						
SIT6-160901-002X	↓	1555	S	1	x	x					02						
SIT6-160901-003X	↓	1605	S	1	x	x					03						
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNC ₃ E=EnCare F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: -PLACED IN SITE FREEZER IMMEDIATELY AFTER COLLECTION		Relinquished By: <i>[Signature]</i> Relinquished By:		Date: 10/6/16 Date:		Time: 1130 Time:		Received By: <i>[Signature]</i> Received By:		Date: 10/6/16 Date:		Time: 1130 Time:			
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N							



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CHAIN OF CUSTODY
 No. 5850

Page: 1 of 1

Project Number: _____ PO Number: _____					Lab Work Order #: <u>N164105</u>				Report To: _____						
Project Name: _____					Preservation Codes _____				Company: _____						
Project Location (City, State): _____					Analyses Requested _____				Address 1: _____						
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush					Matrix: _____				Address 2: _____						
If Rush, Report Due Date: _____					Total # of Containers: _____				E-mail Address: _____						
Sampled By (Print): _____					Matrix: <u>NOOC</u>				Invoice To: _____						
Sample Description					Collection		Matrix: <u>% Moist</u>				Company: _____				
					Date	Time					Address 1: _____				
SITC-160911-004X (1.0-2.0)					9/11/16	0935	S	1	0					04	
SITC-160911-005X (1.0-4.0)						0940	S	1						05	
SITC-160911-006X (1.0-4.0)						0944	S	1						06	
SITC-160911-007X (1.0-4.0)						0946	S	1						07	
SITC-160911-008X (1.0-4.0)						0948	S	1						08	
SITC-160911-009X (1.0-4.0)					✓	0950	S	1	2					09	
<u>Preservation Codes</u> A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH C=Other (Indicate)					<u>Other Comments:</u> Relinquished By: <u>[Signature]</u> Date: <u>10/6/16</u> Time: <u>1130</u> Relinquished By: _____ Date: _____ Time: _____					Received By: <u>[Signature]</u> Date: <u>10/6/16</u> Time: <u>1130</u> Received By: _____ Date: _____ Time: _____					
<u>Matrix Codes</u> A=Air S=Soil W=Water O=Other					Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact					Shipped Via: _____ Receipt Temp: _____		Thermometer #/ Exp. Date: _____ Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N			



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CHAIN OF CUSTODY

No. 7098

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Project Number: <u>6050619</u> PO Number:				Lab Work Order #: <u>N164105</u>				Report To:							
Project Name: <u>BAR S12016</u>				Preservation Codes				Company:							
Project Location (City, State):				Analyses Requested				Address 1:							
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers <u>NWOC's</u> <u>% Moist</u>				Address 2:							
If Rush, Report Due Date:								E-mail Address:							
Sampled By (Print):								Invoice To:							
								Company:							
				Address 1:		Address 2:									
Sample Description			Collection Date Time		Matrix	Total # of Containers		Comments	Lab ID	Lab Receipt Time					
<u>SITG-160912-010X (1.0-3.5)</u>			<u>9/12/16</u>	<u>1205</u>	<u>S</u>	<u>1</u>	<u>0</u>		<u>10</u>						
<u>SITG-160912-011X (1.0-8.0)</u>				<u>1430</u>	<u>S</u>	<u>1</u>	<u>0</u>		<u>11</u>						
<u>SITG-160912-012X (1.0-3.5)</u>				<u>1445</u>	<u>S</u>	<u>1</u>	<u>0</u>		<u>12</u>						
<u>SITG-160912-013S (2.5-3.0)</u>				<u>1330</u>	<u>S</u>	<u>1</u>	<u>0</u>		<u>13</u>						
<u>SITG-160912-013N (2.5-3.0)</u>				<u>1350</u>	<u>S</u>	<u>1</u>	<u>0</u>		<u>14</u>						
<u>SITG-160912-013C (3.5-4.0)</u>				<u>1340</u>	<u>S</u>	<u>1</u>	<u>0</u>		<u>15</u>						
<u>SITG-160912-013X (1.5-4.5)</u>				<u>1445</u>	<u>S</u>	<u>1</u>	<u>0</u>	<u>NS</u>							
<u>SITG-160912-014S (3.0-3.5)</u>				<u>1355</u>	<u>S</u>	<u>1</u>	<u>0</u>		<u>16</u>						
<u>SITG-160912-014N (3.0-3.5)</u>				<u>1600</u>	<u>S</u>	<u>1</u>	<u>0</u>		<u>17</u>						
<u>SITG-160912-014C (4.0-4.5)</u>			<u>✓</u>	<u>1357</u>	<u>S</u>	<u>1</u>	<u>0</u>		<u>18</u>						
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments:		Relinquished By: <u>[Signature]</u> Relinquished By:		Date: <u>7/6/16</u> Date:		Time: <u>1130</u> Time:		Received By: <u>[Signature]</u> Received By:		Date: <u>10/6/16</u> Date:		Time: <u>1130</u> Time:	
Matrix Codes A=Air S=Soil W=Water O=Other				Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7108

Page: 1 of 3

Project Number:				PO Number:				Lab Work Order #: N164201				Report To:					
Project Name:				Preservation Codes				Company:				Address 1:					
Project Location (City, State):				Analyses Requested				Address 2:				E-mail Address:					
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix				Total # of Containers				Invoice To:					
If Rush, Report Due Date:												Company:					
Sampled By (Print):				annocs % mens +				Address 1:				Address 2:					
Sample Description								Collection		Date		Time		Comments		Lab ID	
SITG-161004-054X (0.0-4.0)				10/4/16		14:12		S		1		X		X		01	
" - " -054C (4-4.5)						14:14		S		1						02	
" - " -054E (3-3.5)						14:16		S		1						03	
" - " -054W (3-3.5)						14:17		S		1						04	
" - " -055X (0-4.5)						14:21		S		4		MS, MSD, DCP ^{Dep logged}		10/12/16		05/06	
" - " -055C (4.5-5)						14:19		S		1						07	
" - " -055E (3.5-4.5)						14:20		S		1						08	
" - " -055W (3.5-4.5)						14:18		S		1						09	
" - " -056X (0-4)						14:25		S		1						10	
" - " -056C (4-4.5)				✓		14:26		S		1						11	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)				Other Comments:				Relinquished By: <i>[Signature]</i> Date: 10/12/16 Time: 0900 Relinquished By: _____ Date: _____ Time: _____				Received By: <i>[Signature]</i> Date: 10/12/16 Time: 0900 Received By: _____ Date: _____ Time: _____					
Matrix Codes A=Air S=Soil W=Water O=Other				Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via: _____ Receipt Temp: _____ Thermometer # Exp. Date: _____				Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N					



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CHAIN OF CUSTODY

No. 7111

Page: 2 of 3

Project Number: _____ PO Number: _____				Lab Work Order #: N164201				Report To: _____					
Project Name: _____				Preservation Codes				Company: _____					
Project Location (City, State): _____				Analyses Requested				Address 1: _____					
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers NUOC's 070 mo-st				Address 2: _____					
If Rush, Report Due Date: _____								E-mail Address: _____					
Sampled By (Print): _____				Matrix				Invoice To: _____					
Sample Description								Company: _____					
		Collection		Matrix				Address 1: _____					
		Date	Time					Address 2: _____					
SITG-161004-056E(3-4)		10/4/16	14:27	S	1	X	X	Comments		Lab ID	Lab Receipt Time		
" - " - 056W(3-5-4)		10/4/16	14:28	S	1					12			
" - " - 057X(0-4)		10/4/16	14:30	S	1					13			
" - " - 057C(4-4.5)		10/4/16	14:31	S	1					14			
" - " - 057E(3-4)		10/4/16	14:32	S	1					15			
" - " - 057W(3-4)		10/4/16	14:33	S	1					16			
" - " - 058X(0-4)		10/4/16	14:34	S	4			MS, MSD, DCIP ^{Disposed in the sample}		17			
" - " - 058C(4-4.5)		10/4/16	14:35	S	1					18/19			
" - " - 058E(3-4)		10/4/16	14:36	S	1					20			
" - " - 058W(3-4)		10/4/16	14:37	S	1					21			
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (indicate)		Other Comments: Relinquished By: <i>[Signature]</i> Relinquished By: _____		Date: 10/12/16 Date: _____		Time: 0900 Time: _____		Received By: <i>[Signature]</i> Received By: _____		Date: 10/12/16 Date: _____		Time: 0900 Time: _____	
Matrix Codes A=Air S=Soil W=Water O=Other		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via: _____		Receipt Temp: _____		Thermometer #/ Exp. Date: _____		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N			



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CHAIN OF CUSTODY

No. 7112

Page: 3 of 3

Project Number:				PO Number:				Lab Work Order #: N164201				Report To:									
Project Name:				Preservation Codes				Company:				Address 1:									
Project Location (City, State):				Analyses Requested				Address 2:				E-mail Address:									
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix				Total # of Containers				Invoice To:									
If Rush, Report Due Date:												Company:									
Sampled By (Print):				Matrix: NNOCIS Total # of Containers: 070 No. 1				Address 1:				Address 2:									
Sample Description								Collection				Comments				Lab ID		Lab Receipt Time			
		Date		Time		Matrix		Total # of Containers													
SITG-161004-059X(0-4)		10/4/16		1445		S		1		X		X		23							
" - " -059C(4-4.5)		10/4/16		1447		S		1						24							
" - " -059E(3-4.5)		10/4/16		1453		S		1						25							
" - " -059W(3-4.5)		10/4/16		1450		S		1						26							
Preservation Codes				Other Comments:				Relinquished By: <i>[Signature]</i>				Date: 10/12/16		Time: 0900		Received By: <i>[Signature]</i>		Date: 10/12/16		Time: 0900	
A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)								Custody Seal:				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank:			
Matrix Codes A=Air S=Soil W=Water O=Other				<input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact												<input type="checkbox"/> Y <input type="checkbox"/> N					



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CHAIN OF CUSTODY

No. 7115

Page: 1 of 3

Project Number:		PO Number:		Lab Work Order #: N164201		Report To:	
Project Name:		Project Location (City, State):		Preservation Codes		Company:	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		If Rush, Report Due Date:		Analyses Requested		Address 1:	
Sampled By (Print):		Sample Description		Matrix		Address 2:	
		Collection Date Time		Total # of Containers		E-mail Address:	
				N16003 9% Moist		Invoice To:	
						Company:	
						Address 1:	
						Address 2:	
						Comments	
						Lab ID	
						Lab Receipt Time	
SITC - 161005 - 060T (0.0 - 0.5)		10/15/16 0755		S 1		27	
SITC - 161005 - 061T (0.0 - 0.5)		0800		S 1		28	
SITC - 161005 - 062T (0.0 - 0.5)		0805		S 1		29	
SITC - 161005 - 063T (0.0 - 0.5)		0810		S 1		30	
SITC - 161005 - 064T (0.0 - 0.5)		0820		S 1		31	
SITC - 161005 - 065T (0.0 - 0.5)		0825		S 1		32	
SITC - 161005 - 066T (0.0 - 0.5)		0815		S 1		33	
SITC - 161005 - 067T (0.0 - 0.5)		0827		S 1		34	
SITC - 161005 - 068X (0.0 - 0.5)		0830		S 1		35	
SITC - 161005 - 069X (0.0 - 0.5)		↓ 0832		S 1		36	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments: Placed in freezer following sampling		Relinquished By: <i>[Signature]</i> Relinquished By:		Date: 10/14/16 Date:	
Matrix Codes A=Air S=Soil W=Water O=Other		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:	
						Thermometer #/ Exp. Date:	
						Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	
						Received By: <i>[Signature]</i> Received By:	
						Date: 10/12/16 Date:	
						Time: 0900 Time:	



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CHAIN OF CUSTODY

No. 7116

Page: 2 of 3

Project Number:				PO Number:				Lab Work Order #: N164201				Report To:							
Project Name:				Preservation Codes				Company:				Address 1:							
Project Location (City, State):				Analyses Requested				Address 2:				E-mail Address:							
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix				Total # of Containers				NOCT % Moist				Invoice To:			
If Rush, Report Due Date:																Company:			
Sampled By (Print):				Collection				Address 2:				Address 2:							
Sample Description		Date		Time		Matrix		Total # of Containers		NOCT		% Moist		Comments		Lab ID		Lab Receipt Time	
SITG-161005-070X (0.0-5.0)		10/5/16		1515		S		1		O						37			
SITG-161005-070C (4.5-5.0)				1517		S		1		O						38			
SITG-161005-070E (3.0-4.0)				1518		S		1		O						39			
SITG-161005-070W (3.0-4.0)				1520		S		1		O						40			
SITG-161005-071X (0.0-5.0)				1522		S		1		O						41			
SITG-161005-071C (4.5-5.0)				1524		S		1		O						42			
SITG-161005-071E (3.5-4.5)				1526		S		1		O						43			
SITG-161005-071W (3.5-4.5)				1528		S		1		O						44			
SITG-161005-072X (0.0-5.0)				1529		S		4		O				+MS/MSD/DUP		45/46			
SITG-161005-072C (4.5-5.0)				1535		S		1		O						47			
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)				Other Comments: Placed in Green after sample was collected				Relinquished By: <i>[Signature]</i> Relinquished By:				Date: 10/12/16 Time: 0900		Received By: <i>[Signature]</i> Received By:		Date: 10/12/16 Time: 0900			
Matrix Codes A=Air S=Soil W=Water O=Other				<input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N					



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CHAIN OF CUSTODY

No. 7113

Page: 3 of 3

Project Number:				PO Number:				Lab Work Order #: N164201				Report To:									
Project Name:				Preservation Codes				Company:				Address 1:									
Project Location (City, State):				Analyses Requested				Address 2:				E-mail Address:									
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix				Total # of Containers				Invoice To:									
If Rush, Report Due Date:												Company:									
Sampled By (Print):												Address 1:									
Sample Description				Collection		Matrix				Total # of Containers				Comments				Lab ID		Lab Receipt Time	
				Date	Time													Date		Time	
SITG-161005-072E (3.5-4.5)				10/5/16	1537	S	1	NNOCs % Moist 								48					
SITG-161005-072W (3.5-4.5)					1539	S	1									49					
SITG-161005-073X (0.0-5.0)					1555	S	1									50					
SITG-161005-073C (4.5-5.0)					1557	S	1									51					
SITG-161005-073E (3.5-4.5)					1600	S	1									52					
SITG-161005-073W (3.5-4.5)					1602	S	1									53					
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other				Other Comments: 				Relinquished By: Date: 10/12/16 Time: 0900 Relinquished By: Date: Time:				Received By: Date: 10/12/16 Time: 0900 Received By: Date: Time:									
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:				Receipt Temp:				Thermometer #/ Exp. Date:				Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N					



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CHAIN OF CUSTODY

No. 7117

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Project Number:				PO Number:				Lab Work Order #: N164201				Report To:					
Project Name:				Preservation Codes				Company:				Address 1:					
Project Location (City, State):				Analyses Requested				Address 2:				E-mail Address:					
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers <i>NH₄Cl</i> <i>0% Moist</i>				Invoice To:				Company:					
If Rush, Report Due Date:								Address 1:				Address 2:					
Sampled By (Print):								Comments				Lab ID		Lab Receipt Time			
Sample Description		Collection Date Time		Matrix	Total # of Containers												
<i>SITG-161006-074X (7.0-9.0)</i>		<i>10/6/16</i>	<i>1020</i>	<i>S</i>	<i>1</i>							<i>54</i>					
<i>SITG-161006-0757 (0.0-0.5)</i>			<i>1120</i>	<i>S</i>	<i>1</i>							<i>55</i>					
<i>SITG-161006-0767 (0.0-0.5)</i>			<i>1123</i>	<i>S</i>	<i>1</i>							<i>56</i>					
<i>SITG-161006-0777 (0.0-0.5)</i>			<i>1125</i>	<i>S</i>	<i>1</i>							<i>57</i>					
<i>SITG-161006-0787 (0.0-0.5)</i>			<i>1130</i>	<i>S</i>	<i>1</i>							<i>58</i>					
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments: <i>Placed in freezer after collection.</i>		Relinquished By: <i>[Signature]</i>				Date: <i>10/12/16</i>		Time: <i>0900</i>		Received By: <i>[Signature]</i>		Date: <i>10/12/16</i>		Time: <i>0900</i>	
Matrix Codes A=Air S=Soil W=Water O=Other		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N					



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CHAIN OF CUSTODY

No. 7109

Page: 1 of 2

Project Number:				PO Number:				Lab Work Order #: N164201				Report To:					
Project Name:				Preservation Codes				Company:				Address 1:					
Project Location (City, State):				Analyses Requested				Address 2:				E-mail Address:					
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers NHOC's 9/10/15/17				Invoice To:				Company:					
If Rush, Report Due Date:								Address 1:				Address 2:					
Sampled By (Print):								Comments				Lab ID		Lab Receipt Time			
Sample Description		Collection Date		Time		Matrix		Total # of Containers		NHOC's		9/10/15/17					
SITG - 161008 - 080X (0.0 - 5.0')		10/8/16		11345		S		1		X		X		ms/msD		59	
SITG - 161008 - 080X (0.0 - 5.0) - DUP				1145		S		1		X		X		+ DUP		60	
SITG - 161008 - 081X (0.0 - 7.0)				1147		S		1		X		X				61	
SITG - 161008 - 082X (2.0 - 5.0)				1155		S		1		X		X				62	
SITG - 161008 - 083X (0.0 - 7.0)				1150		S		1		X		X				63	
SITG - 161008 - 084X (0.0 - 8.0)				1158		S		1		X		X				64	
SITG - 161008 - 085X (0.0 - 8.0)				1205		S		1		X		X				65	
SITG - 161008 - 086X (0.0 - 8.0)				1205		S		1		X		X				66	
SITG - 161008 - 087X (0.0 - 10.0)				1207		S		1		X		X				67	
SITG - 161008 - 088X (1.0 - 6.0')		↓		1214		S		1		X		X				68	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments: Placed in freezer directly after sampling		Relinquished By: <i>[Signature]</i>				Date: 10/12/16		Time: 0900		Received By: <i>[Signature]</i>		Date: 10/14/16		Time: 0900	
Matrix Codes A=Air S=Soil W=Water O=Other		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N					



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CHAIN OF CUSTODY

No. 7110

Page: 2 of 2

Project Number:				PO Number:				Lab Work Order #: N164201				Report To:			
Project Name:				Project Location (City, State):				Preservation Codes				Company:			
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				If Rush, Report Due Date:				Analyses Requested				Address 1:			
Sampled By (Print):				Sample Description				Matrix				Address 2:			
				Collection				Total # of Containers				E-mail Address:			
				Date				Time				Invoice To:			
				Date				Time				Company:			
				Date				Time				Address 1:			
				Date				Time				Address 2:			
				Date				Time				Comments			
				Date				Time				Lab ID			
				Date				Time				Lab Receipt Time			

Sample Description	Date	Time	Matrix	Total # of Containers	NNOCs	Moist	Comments	Lab ID	Lab Receipt Time
SITG-161008-088C (6.0'-6.5')	10/8/16	1212	S	1	X	X		69	
088E (4.0'-6.0')		1216						70	
088W (4.0'-6.0')		1210						71	
089 E (4.0'-6.0')		1211					MS/MSD	72	
089 E (4.0'-6.0')		1211					+Dup	73	
089 C (1.0'-6.0')		1215						74	
089W (4.0'-6.0')		1213						75	
089X (1.0'-6.0')		1217						76	

Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments: <i>Placed in freezer directly after sampling</i>		Relinquished By: <i>[Signature]</i> Date: 10/12/16 Time: 0900		Received By: <i>[Signature]</i> Date: 10/12/16 Time: 0900	
Matrix Codes A=Air S=Soil W=Water O=Other		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:	
				Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 5866

Page: of:

Project Number: _____ PO Number: _____				Lab Work Order #: N164301				Report To: _____				
Project Name: _____				Preservation Codes				Company: _____				
Project Location (City, State): _____				Analyses Requested				Address 1: _____				
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers NNOC's 070 Moist				Address 2: _____				
If Rush, Report Due Date: _____								E-mail Address: _____				
Sampled By (Print): _____								Invoice To: _____				
								Company: _____				
				Address 1: _____		Address 2: _____						
Sample Description		Collection Date Time		Matrix Total # of Containers NNOC's 070 Moist	X X X X X X X X X X	X X X X X X X X X X	Comments		Lab ID	Lab Receipt Time		
SITG-161011-090X (0-5')		10/11/16	1345				S	1			01	
-090C (5')			1347					1			02	
-090E (3-4')			1350					1			03	
-090W (3-4')			1352					1			04	
-091X (0-6')			1410					1			05	
-091C (6')			1412					1			06	
-091E (3.5-4')			1415					1			07	
-091W (3.5-4')			1417					1			08	
-092X (0-7')			1445					1			09	
-092C (7')			1447		1			10				
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: Placed in freezer directly After Sampling.		Relinquished By: <i>[Signature]</i> Date: 10/18/16 Time: 1200		Received By: <i>[Signature]</i> Date: 10/18/16 Time: 1200						
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via: _____		Receipt Temp: _____		Thermometer #/ Exp. Date: _____				
				Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N								



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CHAIN OF CUSTODY

No. 5867

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Project Number:		PO Number:		Lab Work Order #: N164301				Report To:	
Project Name:		Preservation Codes		Analyses Requested				Company:	
Project Location (City, State):		Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Matrix Total # of Containers NNOC'S 90 Moist				Address 1:	
If Rush, Report Due Date:		Sampled By (Print):						Address 2:	
Sample Description		Collection Date						Time	
								Invoice To:	
								Company:	
								Address 1:	
								Address 2:	
								Comments	
								Lab ID	
								Lab Receipt Time	
SITG-161011-092E (3.5-4)		10/11/16		1455		S		1	
-092E (3.5-4)		10/11/16		1455		S		1	
-092W (3.5-4)				1450		S		1	
-093X (0-7)				1512				1	
-093C (7)				1515				1	
-093W (4-4.5)				1520				1	
-093E (4-4.5)				1517				1	
-094X (0-7)				1535				1	
-094C (7)				1538				1	
-094E (4-4.5)				1540				1	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: Placed in freezer Directly After Sampling.		Relinquished By: <i>[Signature]</i> Relinquished By:		Date: 10/11/16 Date:		Time: 1200 Time:	
				Received By: <i>[Signature]</i> Received By:		Date: 10/18/16 Date:		Time: 1200 Time:	
		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:	
								Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7118

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Project Number: PO Number:				Lab Work Order #: N164301				Report To:															
				Project Name:				Preservation Codes				Company:											
Project Location (City, State):								Analyses Requested				Address 1:											
				Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix: Total # of Containers: NNOC 'S 70 Moist				Address 2:											
If Rush, Report Due Date:												E-mail Address:											
Sampled By (Print):				Invoice To:				Company:															
Sample Description				Collection		Matrix				Total # of Containers				Comments				Lab ID		Lab Receipt Time			
				Date														Time		Lab ID		Lab Receipt Time	
SITG-16/011-094W(4-4.5)				10/11/16		1542		S				1		X		X				21			
-095X(2-7)						1620														22			
-095C(6.5-7)						1615														23			
-095W(4-6)						1611														24			
-095E(4-6)						1618														25		MS/MSD	
-095E(4-6)				↓		1618		↓				↓		↓		↓		↓		26		+DUP	
-079X(0-5)				↓		0915		↓				↓		↓		↓		↓		27			

Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)			Other Comments: Placed in freezer Directly After Sampling.			Relinquished By: Date: 10/14/16 Time: 1200		Received By: Date: 10/18/16 Time: 1200			
Matrix Codes A=Air S=Soil W=Water O=Other						Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____	
<input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact			Shipped Via: _____			Receipt Temp: _____		Thermometer #/ Exp. Date: _____		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

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Project Number: 60505614					PO Number:					Lab Work Order #: N 164303					Report To:				
Project Name: Site Investigation 2016					Project Location (City, State): Barksdale, WI					Preservation Codes					Company:				
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush					If Rush, Report Due Date:					Analyses Requested					Address 1:				
Sampled By (Print):					Matrix					Total # of Containers					Address 2:				
Sample Description					Collection Date					Collection Time					E-mail Address:				
SITC-161020-096X (7.0-8.0)					10/20/16					15:25					Invoice To:				
SITC-161020-097X (6.0-7.0)					15:28					S					Company:				
SITC-161020-098X (6.0-7.0)					15:30					S					Address 1:				
SITC-161020-099X (6.0-7.0)					15:32					S					Address 2:				
SITC-161020-100X (6.0-7.0)					15:35					S					Comments				
SITC-161020-101X (0.0-6.0)					15:55					S					Lab ID				
SITC-161020-101C (5.0-6.0)					15:57					S					Lab Receipt Time				
SITC-161020-101W (4.0-5.0)					16:00					S					+MS / MSD				
SITC-161020-101E (4.0-5.0)					16:02					S					01				
SITC-161020-097X (DUP) (6.0-7.0)					10/20/16					15:28					02				
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other					Other Comments: Placed in site freezer upon collection					Relinquished By: <i>[Signature]</i> Date: 10/20/16 Time: 11:15					Received By: <i>[Signature]</i> Date: 10/20/16 Time: 11:15				
<input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact					Shipped Via:					Receipt Temp:					Thermometer #/ Exp. Date:				
															Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N				



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CHAIN OF CUSTODY

No. 7120

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Project Number: <u>60505619</u> PO Number:				Lab Work Order #: <u>N164303</u>				Report To:																	
Project Name: <u>Barksdale Site Investigation 2016</u>				Preservation Codes				Company:																	
Project Location (City, State): <u>Barksdale, WI</u>				Analyses Requested				Address 1:																	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">Matrix</td> <td style="width:10%;">Total # of Containers</td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td style="text-align:center;"><u>11</u></td> <td style="text-align:center;"><u>11</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Matrix	Total # of Containers								<u>11</u>	<u>11</u>						Address 2:	
Matrix	Total # of Containers																								
	<u>11</u>	<u>11</u>																							
If Rush, Report Due Date:								E-mail Address:																	
Sampled By (Print):								Invoice To:																	
								Company:																	
								Address 1:																	
								Address 2:																	
Sample Description		Collection		Matrix	Total # of Containers					Comments	Lab ID	Lab Receipt Time													
		Date	Time																						
<u>SITG-161020-102X (0.0-6.0)</u>		<u>10/22/16</u>	<u>16:05</u>	<u>S</u>	<u>1</u>						<u>11</u>														
<u>SITG-161020-102C (5.0-6.0)</u>			<u>16:08</u>	<u>S</u>	<u>1</u>						<u>12</u>														
<u>SITG-161020-102W (4.0-5.0)</u>			<u>16:12</u>	<u>S</u>	<u>1</u>					<u>↓MS/MSD</u>	<u>13</u>														
<u>SITG-161020-102E (4.0-5.0)</u>			<u>16:15</u>	<u>S</u>	<u>1</u>						<u>14</u>														
<u>SITG-161020-103X (0.0-6.0)</u>			<u>16:17</u>	<u>S</u>	<u>1</u>						<u>15</u>														
<u>SITG-161020-103C (5.0-6.0)</u>			<u>16:20</u>	<u>S</u>	<u>1</u>						<u>16</u>														
<u>SITG-161020-103W (4.0-5.0)</u>			<u>16:22</u>	<u>S</u>	<u>1</u>						<u>17</u>														
<u>SITG-161020-103E (4.0-5.0)</u>			<u>16:25</u>	<u>S</u>	<u>1</u>						<u>18</u>														
<u>SITG-161020-102W-DUP (4.0-5.0)</u>		<u>✓</u>	<u>16:22</u>	<u>S</u>	<u>1</u>					<u>DUP (same as 102W)</u>	<u>19</u>														
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments: <u>Placed in site freezer following collection</u>		Relinquished By: <u>[Signature]</u>		Date: <u>10/22/16</u>	Time: <u>1115</u>	Received By: <u>[Signature]</u>		Date: <u>10/22/16</u>	Time: <u>1115</u>														
Matrix Codes A=Air S=Soil W=Water O=Other				Relinquished By:		Date:	Time:	Received By:		Date:	Time:														
				Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N													



Pace Analytical - ECCS Division
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CHAIN OF CUSTODY

No. 7121

Page: 1 of 2

Project Number: <u>60505619</u>		PO Number:		Lab Work Order #: <u>N164303</u>				Report To:							
Project Name: <u>Site Investigation 2016</u>		Preservation Codes				Company:									
Project Location (City, State): <u>Barkdale, WI</u>		Analyses Requested				Address 1:									
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Matrix				Address 2:									
If Rush, Report Due Date:						E-mail Address:									
Sampled By (Print):		Total # of Containers				Invoice To:									
Sample Description						Company:									
		Date				Address 1:									
						Address 2:									
		Collection		Matrix				Comments		Lab ID	Lab Receipt Time				
		Time						Date		Time		Time	Time		
<u>SITG-161021-104X (3.5-5.5)</u>		<u>10/21/16</u>		<u>09:45</u>		<u>S</u>		<u>1</u>		<u>20</u>					
<u>SITG-161021-105X (2.0-7.0)</u>				<u>10:55</u>		<u>S</u>		<u>1</u>		<u>21</u>					
<u>SITG-161021-105C (6.0-7.0)</u>				<u>10:57</u>		<u>S</u>		<u>1</u>		<u>22</u>					
<u>SITG-161021-105E (4.0-5.0)</u>				<u>11:02</u>		<u>S</u>		<u>1</u>		<u>23</u>					
<u>SITG-161021-105W (4.0-5.0)</u>				<u>11:00</u>		<u>S</u>		<u>1</u>		<u>24</u>					
<u>SITG-161021-106X (2.0-7.0)</u>				<u>11:07</u>		<u>S</u>		<u>1</u>		<u>25</u>					
<u>SITG-161021-106C (6.0-7.0)</u>				<u>11:10</u>		<u>S</u>		<u>1</u>		<u>26</u>					
<u>SITG-161021-106E (4.0-5.0)</u>				<u>11:15</u>		<u>S</u>		<u>1</u>		<u>27</u>					
<u>SITG-161021-106W (4.0-5.0)</u>				<u>11:12</u>		<u>S</u>		<u>1</u>		<u>28</u>					
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments: <u>Placed in site freezer following collection</u>		Relinquished By: <u>[Signature]</u>		Date: <u>10/22/16</u>		Time: <u>1115</u>		Received By: <u>[Signature]</u>		Date: <u>10/22/16</u>		Time: <u>1115</u>	
Matrix Codes A=Air S=Soil W=Water O=Other		<input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N					



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CHAIN OF CUSTODY

No. 7123

Page: of:

Project Number: <u>60505619</u> PO Number:				Lab Work Order #: <u>N164303</u>				Report To:																																																																																																																																																																																																																
Project Name: <u>Site Investigation 2016</u>				Preservation Codes				Company:																																																																																																																																																																																																																
Project Location (City, State): <u>Barksdale, WI</u>				Analyses Requested				Address 1:																																																																																																																																																																																																																
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">Matrix</td> <td style="width:5%;">Total # of Containers</td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> </tr> <tr> <td></td> <td style="text-align:center;"><u>NWOCJ</u></td> <td style="text-align:center;"><u>90 NWJX</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Matrix	Total # of Containers										<u>NWOCJ</u>	<u>90 NWJX</u>								Address 2:																																																																																																																																																																																												
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sample Description</th> <th colspan="2">Collection</th> <th rowspan="2">Matrix</th> <th rowspan="2">Total # of Containers</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2">Comments</th> <th rowspan="2">Lab ID</th> <th rowspan="2">Lab Receipt Time</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td><u>SITC-161021-107x (0.0-0.5)</u></td> <td><u>10/21/16</u></td> <td><u>11:21</u></td> <td><u>S</u></td> <td><u>1</u></td> <td rowspan="5" style="text-align:center; vertical-align:middle;"><u>90 NWJX</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>+ MS/MSD</u></td> <td><u>29</u></td> <td></td> </tr> <tr> <td><u>SITC-161021-108x (0.0-0.5)</u></td> <td></td> <td><u>11:25</u></td> <td><u>S</u></td> <td><u>1</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>+</u></td> <td><u>30</u></td> <td></td> </tr> <tr> <td><u>SITC-161021-109x (0.0-0.5)</u></td> <td></td> <td><u>11:28</u></td> <td><u>S</u></td> <td><u>1</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>31</u></td> <td></td> </tr> <tr> <td><u>SITC-161021-110x (2.5-5.5)</u></td> <td></td> <td><u>11:32</u></td> <td><u>S</u></td> <td><u>1</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>32</u></td> <td></td> </tr> <tr> <td><u>SITC-161021-107x-DUP (0.0-0.5)</u></td> <td><u>✓</u></td> <td><u>11:21</u></td> <td><u>S</u></td> <td><u>1</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>+DUP (same as 107x)</u></td> <td><u>33</u></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4"> Preservation Codes A=None B=HCL C=H₂SO₄ D=HNO₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other </td> <td colspan="4"> Other Comments: <u>Placed in site freezer following collection</u> </td> <td colspan="2"> Relinquished By: <u>[Signature]</u> Date: <u>10/24/16</u> Time: <u>1115</u> </td> <td colspan="2"> Received By: <u>[Signature]</u> Date: <u>10/22/16</u> Time: <u>1115</u> </td> </tr> <tr> <td colspan="4"></td> <td colspan="2"> Relinquished By: _____ Date: _____ Time: _____ </td> <td colspan="2"> Received By: _____ Date: _____ Time: _____ </td> <td colspan="2"></td> </tr> <tr> <td colspan="4"> Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact </td> <td colspan="2"> Shipped Via: _____ </td> <td colspan="2"> Receipt Temp: _____ </td> <td colspan="2"> Thermometer #/ Exp. Date: _____ </td> <td colspan="2"> Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N </td> </tr> </tbody></table>				Sample Description	Collection		Matrix	Total # of Containers								Comments	Lab ID	Lab Receipt Time	Date	Time	<u>SITC-161021-107x (0.0-0.5)</u>	<u>10/21/16</u>	<u>11:21</u>	<u>S</u>	<u>1</u>	<u>90 NWJX</u>							<u>+ MS/MSD</u>	<u>29</u>		<u>SITC-161021-108x (0.0-0.5)</u>		<u>11:25</u>	<u>S</u>	<u>1</u>							<u>+</u>	<u>30</u>		<u>SITC-161021-109x (0.0-0.5)</u>		<u>11:28</u>	<u>S</u>	<u>1</u>								<u>31</u>		<u>SITC-161021-110x (2.5-5.5)</u>		<u>11:32</u>	<u>S</u>	<u>1</u>								<u>32</u>		<u>SITC-161021-107x-DUP (0.0-0.5)</u>	<u>✓</u>	<u>11:21</u>	<u>S</u>	<u>1</u>								<u>+DUP (same as 107x)</u>	<u>33</u>																																																																																												Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other				Other Comments: <u>Placed in site freezer following collection</u>				Relinquished By: <u>[Signature]</u> Date: <u>10/24/16</u> Time: <u>1115</u>		Received By: <u>[Signature]</u> Date: <u>10/22/16</u> Time: <u>1115</u>						Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____				Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via: _____		Receipt Temp: _____		Thermometer #/ Exp. Date: _____		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	
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Date	Time																																																																																																																																																																																																																							
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CHAIN OF CUSTODY

No. 7124

Page: of:

Project Number: 60505619 PO Number:				Lab Work Order #: N164401				Report To:			
Project Name: Site Investigation 2016				Preservation Codes				Company:			
Project Location (City, State): Banksdale WI				Analyses Requested				Address 1:			
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers NNOC'S 070 Moist				Address 2:			
If Rush, Report Due Date:								E-mail Address:			
Sampled By (Print):				Invoice To:				Company:			
Sample Description				Collection		Comments				Lab ID	Lab Receipt Time
				Date	Time					Lab ID	Lab Receipt Time
SITG - 161022 - 111X (7-8')		10/22/16	0955	S	1	X	X		01		
111C (7-8')			0957						02		
111N (4-5')			1000						03		
111S (4-5')			1002						04		
112X (0-5')			1005						05		
112C (5-6')			1007						06		
112N (4-5')			1010						07		
112S (4-5')			1012					+ MS/MSD	08		
112S (4-5')			1012					+ Dup	09		
113X (0-5')			1015						10		
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (indicate)		Other Comments:		Relinquished By: <i>[Signature]</i>		Date: 10/24/16	Time: 1700	Received By: <i>[Signature]</i>		Date: 10/24/16	Time: 1700
				Relinquished By:		Date:	Time:	Received By:		Date:	Time:
Matrix Codes A=Air S=Soil W=Water O=Other				Custody Seal:		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:	
				<input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact							



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CHAIN OF CUSTODY

No. 7114

Page: of:

Project Number: 60505619 PO Number:				Lab Work Order #: N164401				Report To:			
Project Name: Site Investigation 2016				Preservation Codes				Company:			
Project Location (City, State): Barkdale WI				Analyses Requested				Address 1:			
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers NNOCIS 070 Moist				Address 2:			
If Rush, Report Due Date:								E-mail Address:			
Sampled By (Print):				Invoice To:				Company:			
Sample Description								Collection Date Time			
				SITG - 161022 - 113C (4'-5')							
113N (3'-4')								1020			
				113S (3'-4')							
114X (0'-5')								1025			
				114C (4'-5')							
114N (3'-4')								1030			
				114S (3'-4')							
115X (0'-5')								1035			
				115X (0'-5')							
115C (4'-5')								1038			
				Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments:					
Matrix Codes A=Air S=Soil W=Water O=Other				Relinquished By:		Date: Time:		Received By:		Date: Time:	
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7125

Page: of:

Project Number: <u>60505619</u> PO Number:				Lab Work Order #: <u>N164401</u>				Report To:			
Project Name: <u>Site Investigation 2016</u>				Preservation Codes				Company:			
Project Location (City, State): <u>Barkdale WI</u>				Analyses Requested				Address 1:			
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers <u>NNOC'S</u> <u>070 Moist</u>				Address 2:			
If Rush, Report Due Date:								E-mail Address:			
Sampled By (Print):				Invoice To:				Company:			
Sample Description				Collection		Comments				Lab ID	Lab Receipt Time
				Date	Time						
<u>SITG - 161022 - 115N (3-4')</u>		<u>10/22/16</u>	<u>1040</u>	<u>S</u>	<u>1</u>	<u>X</u>	<u>X</u>		<u>21</u>		
<u>115S (3-4')</u>			<u>1042</u>						<u>22</u>		
<u>116X (0-8)</u>			<u>1045</u>						<u>23</u>		
<u>117X (0-7)</u>			<u>1048</u>						<u>24</u>		
<u>118X (0-6)</u>			<u>1050</u>						<u>25</u>		
<u>119X (0-6)</u>			<u>1052</u>						<u>26</u>		
<u>120X (0-6)</u>			<u>1055</u>						<u>27</u>		
<u>121X (3.0-3.5)</u>		<u>10/22/16</u>	<u>1140</u>						<u>28</u>		
<u>(PROBLY TCP)</u>											
<u>(3.0-3.5)</u>											
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments:		Relinquished By: <u>[Signature]</u>		Date: <u>10/24/16</u>	Time: <u>1700</u>	Received By: <u>[Signature]</u>		Date: <u>10/24/16</u>	Time: <u>1700</u>
Matrix Codes A=Air S=Soil W=Water O=Other				Relinquished By:		Date:	Time:	Received By:		Date:	Time:
				Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:	Receipt Temp:	Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7127

Page: 1 of 3

Project Number: 60505619		PO Number:		Lab Work Order #: N164402		Report To: Sharon Nordstrom	
Project Name: SI 2016		Project Location (City, State): Barkesdale, WI		Preservation Codes		Company: Chemours	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		If Rush, Report Due Date:		Analyses Requested		Address 1:	
Sampled By (Print):		Matrix		Total # of Containers		Address 2:	
Sample Description		Collection Date Time		Matrix		E-mail Address:	
SITG-161024-122X (0.0-5.0)		10/24/15 0920		S 1		Invoice To:	
SITG-161024-122C (4.0-5.0)		0923		S 1		Company:	
SITG-161024-122N (4.0-5.0)		0921		S 1		Address 1:	
SITG-161024-122S (4.0-5.0)		0922		S 1		Address 2:	
SITG-161024-123X (0.0-5.0)		0930		S 1		Comments	
SITG-161024-123C (4.0-5.0)		0934		S 1		Lab ID	
SITG-161024-123N (4.0-5.0)		0931		S 1		Lab Receipt Time	
SITG-161024-123S (4.0-5.0)		0932		S 1		+MS/MSD	
SITG-161024-123X (0.0-5.0)-Dup		0930		S 1		+DUP	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments:		Relinquished By: <i>[Signature]</i>		Date: 10/25/16	
Matrix Codes A=Air S=Soil W=Water O=Other		Relinquished By:		Date:		Time: 1300	
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:	
						Received By: <i>[Signature]</i>	
						Date: 10/25/16	
						Time: 1500	
						Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7128

Page: 2 of 3

Project Number:		PO Number:		Lab Work Order #: N164402		Report To:	
Project Name:		Preservation Codes		Analyses Requested		Company:	
Project Location (City, State):		Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Matrix		Address 1:	
If Rush, Report Due Date:		Sampled By (Print):		Total # of Containers		Address 2:	
Sample Description		Collection Date Time		Matrix		E-mail Address:	
SITG-161024-124X (0.0-5.0)		10/24/16 0940		S 1		Invoice To:	
SITG-161024-124C (4.0-5.0)		0943		S 1		Company:	
SITG-161024-124N (4.0-5.0)		0941		S 1		Address 1:	
SITG-161024-124S (4.0-5.0)		0942		S 1		Address 2:	
SITG-161024-125X (0.0-5.0)		0945		S 1		Comments	
SITG-161024-125C (4.0-5.0)		0946		S 1		Lab ID	
SITG-161024-125N (4.0-5.0)		0947		S 1		Lab Receipt Time	
SITG-161024-125S (4.0-5.0)		↓ 0948		S 1			
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments: Relinquished By: <i>[Signature]</i> Date: 10/24/16 Time: 1300 Relinquished By: _____ Date: _____ Time: _____		Received By: <i>[Signature]</i> Date: 10/25/16 Time: 1300 Received By: _____ Date: _____ Time: _____			
Matrix Codes A=Air S=Soil W=Water O=Other		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via: _____ Receipt Temp: _____		Thermometer #/ Exp. Date: _____ Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7129

Page: 3 of 3

Project Number: 60505619		PO Number:		Lab Work Order #: N164402		Report To:	
Project Name: SF 2016		Project Location (City, State): Barkdale, WI		Preservation Codes		Company:	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		If Rush, Report Due Date:		Analyses Requested		Address 1:	
Sampled By (Print):		Matrix		Total # of Containers		Address 2:	
Sample Description		Collection Date		Time		Comments	
SITG-161024-126 X (0.0-5.0)		10/24/16		1002		18	
SITG-161024-126 C (4.0-5.0)				1004		19	
SITG-161024- 126 N ^{ML 10/25/16} (3.0-4.0)				1007		Sample description SITG-161024-126W (3.0-4.0) 20	
SITG-161024- 126 S ^{ML 10/25/16} (3.0-4.0)				1010		Sample description SITG-161024-126E (3.0-4.0) 21	
SITG-161024-127 X (7.0-8.0)				1022		22	
SITG-161024-127 C (7.0-8.0)				1025		23	
SITG-161024-127 N (5.0-6.0)				1027		24	
SITG-161024-127 S (5.0-6.0)		↓		1030		25	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments:		Relinquished By: <i>[Signature]</i>		Date: 10/24/16	
Matrix Codes A=Air S=Soil W=Water O=Other				Relinquished By:		Time: 1300	
				Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Received By: <i>[Signature]</i>	
				Shipped Via:		Date: 10/25/16	
				Receipt Temp:		Time: 1300	
				Thermometer #/ Exp. Date:		Date:	
				Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N		Time:	



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CHAIN OF CUSTODY

No. 7143

Page: 1 of 4

Project Number: 60505619 PO Number:				Lab Work Order #: N164403				Report To:																					
Project Name: SI 2016				Preservation Codes				Company:																					
Project Location (City, State): Barkdale, WI				Analyses Requested				Address 1:																					
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">Matrix</td> <td style="width:5%;">Total # of Containers</td> <td style="width:5%;">NOCS</td> <td style="width:5%;">% Moist</td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Matrix	Total # of Containers	NOCS	% Moist																	Address 2:	
Matrix	Total # of Containers	NOCS	% Moist																										
If Rush, Report Due Date:				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">Date</td> <td style="width:5%;">Time</td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Date	Time																			E-mail Address:	
Date	Time																												
Sampled By (Print):				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">Date</td> <td style="width:5%;">Time</td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> <td style="width:5%;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Date	Time																			Invoice To:	
Date	Time																												
Sample Description				Collection				Company:																					
								Address 1:																					
								Address 2:																					
								Comments		Lab ID	Lab Receipt Time																		
SITC-161026-128X (0.0-6.0)				10/26/16 10:40				S	1								01												
SITC-161026-128C (5.0-6.0)				10/26/16 10:42				S	1									02											
SITC-161026-128N (3.0-4.0)				10/26/16 10:45				S	1									03											
SITC-161026-128S (3.0-4.0)				10/26/16 10:48				S	1									04											
SITC-161026-129X (0.0-6.0)				10/26/16 10:50				S	1									05											
SITC-161026-129C (5.0-6.0)				10/26/16 10:52				S	1									06											
SITC-161026-129N (3.0-4.0)				10/26/16 10:52				S	1									07											
SITC-161026-129S (3.0-4.0)				10/26/16 10:54				S	1									+MS/MSD	08										
SITC-161026-129S (3.0-4.0)				10/26/16 10:54				S	1									+DUP	09										
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: <i>[Handwritten Signature]</i>		Relinquished By: <i>[Handwritten Signature]</i> Date: 10-26-16 Time: 1600		Received By: <i>[Handwritten Signature]</i> Date: 10/26/16 Time: 1600		Relinquished By: Date: Time:		Received By: Date: Time:		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N									



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CHAIN OF CUSTODY

No. 7144

Page: 2 of 4

Project Number: 60505619 / 8001		PO Number:		Lab Work Order #: N164403		Report To:	
Project Name: SJ 2016		Preservation Codes		Analyses Requested		Company:	
Project Location (City, State): Bensdale, WI		Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		E-mail Address:		Address 1:	
If Rush, Report Due Date:		Matrix		Total # of Containers		Invoice To:	
Sampled By (Print):		Matrix		Total # of Containers		Company:	
Sample Description		Collection		Matrix		Total # of Containers	
		Date Time					
SITG-161026-130X (0.0-4.0)		10/26/16 10:56		S 1		10	
SITG-161026-130C (3.5-4.0)		10:58		S 1		11	
SITG-161026-130N (3.0-3.5)		11:00		S 1		12	
SITG-161026-130S (3.0-3.5)		11:02		S 1		13	
SITG-161026-131X (0.0-5.0)		11:04		S 1		14	
SITG-161026-131C (4.0-5.0)		11:06		S 1		15	
SITG-161026-131N (2.5-3.0)		11:08		S 1		16	
SITG-161026-131S (2.5-3.0)		11:10		S 1		17	
SITG (B)							
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: Relinquished By: <i>Ronch Bailey</i> Relinquished By:		Date: 10-26-16 Time: 1600 Received By: <i>[Signature]</i> Date: 10/26/16 Time: 1600		Date: 10/26/16 Time: 1600 Received By: <i>[Signature]</i> Date: 10/26/16 Time: 1600	
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:	
						Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7145

Page: 3 of 4

Project Number: 60505614/8001		PO Number:		Lab Work Order #: N164403		Report To:			
Project Name: SJ 2016				Preservation Codes		Company:			
Project Location (City, State): Barksdale, WI				Analyses Requested		Address 1:			
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush						Address 2:			
If Rush, Report Due Date:						E-mail Address:			
Sampled By (Print):						Invoice To:			
						Company:			
						Address 1:			
						Address 2:			
Sample Description		Collection Date Time		Matrix	Total # of Containers		Comments	Lab ID	Lab Receipt Time
SITG-161026-132X (0.0-2.5)		10/20/16 11:12		S	1			18	
SITG-161026-132C (0.0-2.5)		11:14		S	1			19	
SITG-161026-132N (1.0-2.0)		11:16		S	1			20	
SITG-161026-132S (1.0-2.0)		11:18		S	1			21	
SITG-161026-133X (0.0-6.0)		11:20		S	1			22	
SITG-161026-133C (5.0-6.0)		11:22		S	1			23	
SITG-161026-133N (3.0-4.0)		11:24		S	1			24	
SITG-161026-133S (3.0-4.0)		11:26		S	1			25	
SITG-161026-133									
SITG-161026-133									
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: Relinquished By: <i>[Signature]</i> Relinquished By:		Date: 10-26-16 Time: 1600 Received By: <i>[Signature]</i> Date: 10/26/16 Time: 1600		Received By: <i>[Signature]</i> Date: 10/26/16 Time: 1600			
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7146

Page: 4 of 4

Project Number: <u>60505619/8001</u> PO Number:				Lab Work Order #: <u>N164403</u>				Report To:																																																																																	
Project Name: <u>SI 2016</u>				Preservation Codes				Company:																																																																																	
Project Location (City, State): <u>Barkdale, WI</u>				Analyses Requested				Address 1:																																																																																	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers <u>N/A</u> <u>0% Moist</u>				Address 2:																																																																																	
If Rush, Report Due Date:								E-mail Address:																																																																																	
Sampled By (Print):				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sample Description</th> <th colspan="2">Collection</th> <th rowspan="2">Matrix</th> <th rowspan="2">Total # of Containers</th> <th rowspan="2">Moist</th> <th rowspan="2">Other</th> <th rowspan="2">Other</th> <th rowspan="2">Other</th> <th rowspan="2">Other</th> <th rowspan="2">Comments</th> <th rowspan="2">Lab ID</th> <th rowspan="2">Lab Receipt Time</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>SITG-161026-134X (0.0-3.0)</td> <td>10/26/16</td> <td>11:30</td> <td>S</td> <td>1</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>26</td> <td></td> </tr> <tr> <td>SITG-161026-135X (0.0-2.0)</td> <td>↓</td> <td>11:32</td> <td>S</td> <td>1</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>27</td> <td></td> </tr> <tr> <td>SITG-161026-136X (0.0-2.0)</td> <td>↓</td> <td>11:34</td> <td>S</td> <td>1</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>28</td> <td></td> </tr> <tr> <td>SITG-161026-137X (0.0-2.0)</td> <td>↓</td> <td>11:36</td> <td>S</td> <td>1</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>29</td> <td></td> </tr> <tr> <td>SITG-161026-138X (0.0-1.0)</td> <td>↓</td> <td>11:38</td> <td>S</td> <td>1</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30</td> <td></td> </tr> </tbody> </table>				Sample Description	Collection		Matrix	Total # of Containers	Moist	Other	Other	Other	Other	Comments	Lab ID	Lab Receipt Time	Date	Time	SITG-161026-134X (0.0-3.0)	10/26/16	11:30	S	1	0						26		SITG-161026-135X (0.0-2.0)	↓	11:32	S	1	0						27		SITG-161026-136X (0.0-2.0)	↓	11:34	S	1	0						28		SITG-161026-137X (0.0-2.0)	↓	11:36	S	1	0						29		SITG-161026-138X (0.0-1.0)	↓	11:38	S	1	0						30		Invoice To:	
Sample Description	Collection		Matrix						Total # of Containers	Moist											Other	Other	Other	Other	Comments	Lab ID	Lab Receipt Time																																																														
	Date	Time																																																																																							
SITG-161026-134X (0.0-3.0)	10/26/16	11:30	S	1	0						26																																																																														
SITG-161026-135X (0.0-2.0)	↓	11:32	S	1	0						27																																																																														
SITG-161026-136X (0.0-2.0)	↓	11:34	S	1	0						28																																																																														
SITG-161026-137X (0.0-2.0)	↓	11:36	S	1	0						29																																																																														
SITG-161026-138X (0.0-1.0)	↓	11:38	S	1	0						30																																																																														
								Company:																																																																																	
								Address 1:																																																																																	
								Address 2:																																																																																	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)				Other Comments:				Relinquished By: <u>[Signature]</u> Date: <u>10/26/16</u> Time: <u>1600</u> Received By: <u>[Signature]</u> Date: <u>10/26/16</u> Time: <u>1600</u>																																																																																	
Matrix Codes A=Air S=Soil W=Water O=Other				Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N																																																																											



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CHAIN OF CUSTODY

No. 7148

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Project Number: 60505619		PO Number:		Lab Work Order #: N16404/N164104				Report To:																																																																																																																																																																								
Project Name: SI 2016		Preservation Codes				Company:																																																																																																																																																																										
Project Location (City, State): Banksdale, WI		Analyses Requested				Address 1:																																																																																																																																																																										
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Matrix: NNOC'S Total # of Containers: 070 Moist				Address 2:																																																																																																																																																																										
If Rush, Report Due Date:						E-mail Address:																																																																																																																																																																										
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Other Comments:		Address 2:				Lab Receipt Time																																																																																																																																																																										
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 608-221-4889 (fax)

CHAIN OF CUSTODY

No. 7149

Page: 2 of 4

Project Number: 6050569		PO Number:		Lab Work Order #: N16404 N16404		Report To:			
Project Name: SI 2016		Preservation Codes		Analyses Requested		Company:			
Project Location (City, State): Barkdale WI		Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Matrix: NNOCIS Total # of Containers: 670 Moist		Address 1:			
If Rush, Report Due Date:		Sampled By (Print):				Address 2:		E-mail Address:	
Sample Description		Collection Date Time				Comments		Lab ID	
						Lab Receipt Time			
SITG-161026-148X (TS)		10/26/16 1400		S 1 X X		-11 17:00			
149X (TS)		1402				-12			
150X (TS)		1404				-13			
151X (TS)		1406				-14			
152X (TS)		1408				-15			
153X (TS)		1410				-16			
154X (TS)		1412				-17			
155X (TS)		1414				-18			
156X (TS)		1408				-19			
157X (TS)		1410				-20 ✓			
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments:		Relinquished By: [Signature] Date: 10/26/16 Time: 1700		Received By: [Signature] Date: 10/26/16 Time: 1700			
Matrix Codes A=Air S=Soil W=Water O=Other		Relinquished By:		Date: Time:		Received By: Date: Time:			
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:			
						Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N			



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CHAIN OF CUSTODY

No. 7150

Page: 3 of 4

Project Number: 60505619		PO Number:		Lab Work Order #: N/164494		Report To:	
Project Name: SZ 2016		Project Location (City, State): Banksdale, WI		Preservation Codes		Company:	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		If Rush, Report Due Date:		Analyses Requested		Address 1:	
Sampled By (Print):		Matrix		Total # of Containers		Address 2:	
Sample Description		Collection Date		Collection Time		E-mail Address:	
						Invoice To:	
						Company:	
						Address 1:	
						Address 2:	
						Comments	
						Lab ID	
						Lab Receipt Time	
SITG-161026 - 158X (TS)		10/26/16		10/26/16		-21	
159X (TS)				1417		-22	
160X (TS)				1420		-23	
161X (TS)				1422		-24	
162X (TS)				1425		-25	
163X (TS)				1427		+MS/MSD -26	
163X (TS)				1427		+DUP -27	
164X (TS)				1430		-28	
165X (TS)				1500		-29	
166X (TS)		✓		1504		-30	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments:		Relinquished By: <i>[Signature]</i> Date: 10-26-16 Time: 1700 Relinquished By:		Received By: <i>[Signature]</i> Date: 10/26/16 Time: 1700 Received By:	
Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:	
						Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N	



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CHAIN OF CUSTODY

No. 7151

Page: 4 of 4

Project Number: 60505619		PO Number:		Lab Work Order #: N164404				Report To:					
Project Name: ST 2016		Preservation Codes				Company:							
Project Location (City, State): Barkdale, WI		Analyses Requested				Address 1:							
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Matrix Total # of Containers UNOCIS 070Mo.5				Address 2:							
If Rush, Report Due Date:						E-mail Address:							
Sampled By (Print):						Invoice To:							
Sample Description		Collection		Matrix		Total # of Containers		UNOCIS		070Mo.5		Company:	
		Date	Time									Address 1:	
SITG-161026-167X (TS)		10/26/16	1506	S	1	X	X			Comments	Lab ID	Lab Receipt Time	
↓ 168X (TS)		↓	1508	↓	↓	↓	↓				-31	17:00	
↓ 169X (TS)		↓	1510	↓	↓	↓	↓				-32		
↓ 170X (TS)		↓	1512	↓	↓	↓	↓				-33		
											-34	2	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: Relinquished By: <i>[Signature]</i> Relinquished By:		Date: 10/26/16 Time: 1700		Received By: <i>[Signature]</i> Received By:		Date: 10/26/16 Time: 1700		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact			
				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N			

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-90309-1

Client Project/Site: BAR-Site Investigation 2016

For:

Chemours Company FC, LLC The
c/o AECOM
Sabre Building, Suite 300
4051 Ogletown Road
Newark, Delaware 19713

Attn: Sharon Nordstrom



Authorized for release by:
12/20/2016 11:10:20 AM

Michelle Johnston, Project Manager II
(303)736-0110
michelle.johnston@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Job ID: 280-90309-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: The Chemours Company FC, LLC
Project: BAR-Site Investigation 2016
Report Number: 280-90309-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Throughout this report the MDL is equivalent to the LOD and the RL is equivalent to the LOQ.

Sample Arrival and Receipt

The samples were received on 10/29/2016 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.5° C.

Receipt Exceptions

All samples listed on the COC were received at the laboratory on 10/29 already expired for methods 8270C and 8321A. The analyses were placed on Hold pending client instruction.

The sample ID listed on the containers for samples SITG-161004-058C (0-4.5) MS/MSD did not match the ID of the parent sample listed on the chain of custody. The ID was listed on the containers as SITG-161004-058X (0-4.0) MS/MSD. The samples were logged per the chain of custody.

In accordance with the client's instruction provided on 11/1/2016, all samples were placed on hold in freezer storage until the field laboratory data can be provided.

In accordance with the client's instructions provided on 12/01/2016, all analyses on hold were activated past hold time.

No other anomalies were observed during sample receipt.

Semivolatiles - Method 8270C DNX

Samples SITG-160909-019X (1.0-3.5) (280-90309-1), SITG-160923-036C (2-2.5) (280-90309-2), SITG-161005-069X (0-0.5) (280-90309-3), SITG-160923-036X (0-2.5) (280-90309-4), SITG-160911-017X (1-3.5) (280-90309-5), SITG-160929-045X (0-2) (280-90309-6), SITG-161005-068X (0-0.5) (280-90309-7), SITG-161005-73E (3.5-4.5) (280-90309-8), SITG-160912-010X (1-3.5) (280-90309-9), SITG-160914-024S (2-3.5) (280-90309-10), SITG-161004-055XDUP (0-4.5) (280-90309-11), SITG-161004-055X (0-4.5) (280-90309-12), SITG-160915-030T (0-1) (280-90309-13), SITG-161005-070X (0-5) (280-90309-14), SITG-161004-058C (0-4.5) (280-90309-15), SITG-161011-094C (7) (280-90309-16), SITG-161008-083X (0-7) (280-90309-17), SITG-161008-088C (6-6.5) (280-90309-18) and SITG-161011-093W (4-4.5) (280-90309-19) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/31/2016 and analyzed on 12/15/2016 and 12/16/2016.

The following samples were extracted outside of preparation holding time as the analysis was requested after the holding time had expired: SITG-160909-019X (1.0-3.5) (280-90309-1), SITG-160923-036C (2-2.5) (280-90309-2), SITG-161005-069X (0-0.5) (280-90309-3), SITG-160923-036X (0-2.5) (280-90309-4), SITG-160911-017X (1-3.5) (280-90309-5), SITG-160929-045X (0-2) (280-90309-6), SITG-161005-068X (0-0.5) (280-90309-7), SITG-161005-73E (3.5-4.5) (280-90309-8), SITG-160912-010X (1-3.5) (280-90309-9), SITG-160914-024S (2-3.5) (280-90309-10), SITG-161004-055XDUP (0-4.5) (280-90309-11), SITG-161004-055X (0-4.5) (280-90309-12), SITG-160915-030T (0-1) (280-90309-13), SITG-161005-070X (0-5) (280-90309-14), SITG-161004-058C (0-4.5) (280-90309-15), SITG-161004-058C (0-4.5) (280-90309-15[MS]), SITG-161004-058C (0-4.5) (280-90309-15[MSD]), SITG-161011-094C (7)

Case Narrative

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Job ID: 280-90309-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

(280-90309-16), SITG-161008-083X (0-7) (280-90309-17), SITG-161008-088C (6-6.5) (280-90309-18) and SITG-161011-093W (4-4.5) (280-90309-19).

All volume was consumed during the 8270C and 8321A extractions; therefore, no volume remained to perform Percent Moisture. Results are reported as received.

The continuing calibration verification (CCV) associated with batch 280-355825 recovered above the upper control limit for 1,3-Dimethyl-2,4-Dinitrobenzene, 1,2-Dimethyl-3,6-Dinitrobenzene and 1,4-Dimethyl-2,3-Dinitrobenzene. The samples associated with this CCV were non-detect for the affected analytes; therefore, corrective action was not performed.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Explosives - Method 8321A

Samples SITG-160909-019X (1.0-3.5) (280-90309-1), SITG-160923-036C (2-2.5) (280-90309-2), SITG-161005-069X (0-0.5) (280-90309-3), SITG-160923-036X (0-2.5) (280-90309-4), SITG-160911-017X (1-3.5) (280-90309-5), SITG-160929-045X (0-2) (280-90309-6), SITG-161005-068X (0-0.5) (280-90309-7), SITG-161005-73E (3.5-4.5) (280-90309-8), SITG-160912-010X (1-3.5) (280-90309-9), SITG-160914-024S (2-3.5) (280-90309-10), SITG-161004-055XDUP (0-4.5) (280-90309-11), SITG-161004-055X (0-4.5) (280-90309-12), SITG-160915-030T (0-1) (280-90309-13), SITG-161005-070X (0-5) (280-90309-14), SITG-161004-058C (0-4.5) (280-90309-15), SITG-161011-094C (7) (280-90309-16), SITG-161008-083X (0-7) (280-90309-17), SITG-161008-088C (6-6.5) (280-90309-18) and SITG-161011-093W (4-4.5) (280-90309-19) were analyzed for Explosives (dry weight) in accordance with SW846 8321A. The samples were leached on 12/07/2016, prepared on 12/12/2016 and analyzed on 12/15/2016, 12/16/2016 and 12/19/2016.

The following samples were extracted outside of preparation holding time as the analysis was requested after the holding time had expired: SITG-160909-019X (1.0-3.5) (280-90309-1), SITG-160923-036C (2-2.5) (280-90309-2), SITG-161005-069X (0-0.5) (280-90309-3), SITG-160923-036X (0-2.5) (280-90309-4), SITG-160911-017X (1-3.5) (280-90309-5), SITG-160929-045X (0-2) (280-90309-6), SITG-161005-068X (0-0.5) (280-90309-7), SITG-161005-73E (3.5-4.5) (280-90309-8), SITG-160912-010X (1-3.5) (280-90309-9), SITG-160914-024S (2-3.5) (280-90309-10), SITG-161004-055XDUP (0-4.5) (280-90309-11), SITG-161004-055X (0-4.5) (280-90309-12), SITG-160915-030T (0-1) (280-90309-13), SITG-161005-070X (0-5) (280-90309-14), SITG-161004-058C (0-4.5) (280-90309-15), SITG-161004-058C (0-4.5) (280-90309-15[MSJ]), SITG-161004-058C (0-4.5) (280-90309-15[MSD]), SITG-161011-094C (7) (280-90309-16), SITG-161008-083X (0-7) (280-90309-17), SITG-161008-088C (6-6.5) (280-90309-18) and SITG-161011-093W (4-4.5) (280-90309-19).

All volume was consumed during the 8270C and 8321A extractions; therefore, no volume remained to perform Percent Moisture. Results are reported as received.

The old and new column for du Pont explosives are unable to separate 2,3-Dinitrotoluene and 2,5-Dinitrotoluene; therefore, these compounds will be reported as a co-elution. Results may be biased low if only one of these compounds is actually in the sample.

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to high concentrations of target analytes, samples SITG-160909-019X (1.0-3.5) (280-90309-1), SITG-160923-036C (2-2.5) (280-90309-2), SITG-161005-069X (0-0.5) (280-90309-3), SITG-160923-036X (0-2.5) (280-90309-4), SITG-160911-017X (1-3.5) (280-90309-5), SITG-160929-045X (0-2) (280-90309-6), SITG-161005-068X (0-0.5) (280-90309-7), SITG-160912-010X (1-3.5) (280-90309-9), SITG-160914-024S (2-3.5) (280-90309-10), SITG-160915-030T (0-1) (280-90309-13) and SITG-161008-083X (0-7) (280-90309-17) had to be analyzed at dilutions. Surrogate recoveries could not be accurately calculated for the diluted analyses because the extracts were diluted beyond the ability to quantitate recoveries. The reporting limits and method detection limits have been adjusted relative to the dilutions required.

2,4,6-Trinitrotoluene was detected in method blank MB 280-355184/1-A at a level that was less than the reporting limit; therefore, corrective action was not performed. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been flagged "B".

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160909-019X (1.0-3.5)

Lab Sample ID: 280-90309-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	690	H	96	12	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitro-3-xylene	610	H	96	3.9	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene - DL	5300	J H	48000	3900	ug/Kg	500		8321A	Total/NA
2,4,6-Trinitrotoluene - DL2	1300000	H B	190000	9700	ug/Kg	2000		8321A	Total/NA

Client Sample ID: SITG-160923-036C (2-2.5)

Lab Sample ID: 280-90309-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	19	J H	98	12	ug/Kg	1		8321A	Total/NA
1,3-Dinitrobenzene	8.1	J H	98	7.0	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitro-3-xylene	19	J H	98	4.0	ug/Kg	1		8321A	Total/NA
2,6-Dinitrotoluene	60	J H	98	20	ug/Kg	1		8321A	Total/NA
2-Nitrotoluene	13	J H	98	5.6	ug/Kg	1		8321A	Total/NA
4-Nitrotoluene	33	J H	98	11	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene - DL	15000	H B	2000	99	ug/Kg	20		8321A	Total/NA
2,4-Dinitrotoluene - DL	4300	H	2000	160	ug/Kg	20		8321A	Total/NA

Client Sample ID: SITG-161005-069X (0-0.5)

Lab Sample ID: 280-90309-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	19	J H	98	12	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitro-3-xylene	44	J H	98	4.0	ug/Kg	1		8321A	Total/NA
2,6-Dinitrotoluene	290	H	98	20	ug/Kg	1		8321A	Total/NA
2-Nitrotoluene	39	J H	98	5.6	ug/Kg	1		8321A	Total/NA
3-Nitrotoluene	12	J H	98	12	ug/Kg	1		8321A	Total/NA
4-Nitrotoluene	66	J H	98	11	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene - DL	23000	H B	4900	250	ug/Kg	50		8321A	Total/NA
2,4-Dinitrotoluene - DL	3800	J H	4900	400	ug/Kg	50		8321A	Total/NA
2-Amino-4,6-dinitrotoluene - DL	2200	J H	4900	590	ug/Kg	50		8321A	Total/NA
4-Amino-2,6-dinitrotoluene - DL	2000	J H	4900	250	ug/Kg	50		8321A	Total/NA

Client Sample ID: SITG-160923-036X (0-2.5)

Lab Sample ID: 280-90309-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4,6-Trinitro-3-xylene	12	J H	98	4.0	ug/Kg	1		8321A	Total/NA
2,6-Dinitrotoluene	52	J H	98	20	ug/Kg	1		8321A	Total/NA
2-Nitrotoluene	10	J H	98	5.6	ug/Kg	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	59	J H	98	5.0	ug/Kg	1		8321A	Total/NA
4-Nitrotoluene	22	J H	98	11	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene - DL	9000	H B	2000	99	ug/Kg	20		8321A	Total/NA
2,4-Dinitrotoluene - DL	1900	J H	2000	160	ug/Kg	20		8321A	Total/NA

Client Sample ID: SITG-160911-017X (1-3.5)

Lab Sample ID: 280-90309-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	13	J H	97	12	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitro-3-xylene	5.9	J H	97	4.0	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	31	J H	97	8.0	ug/Kg	1		8321A	Total/NA
2,6-Dinitrotoluene	28	J H	97	19	ug/Kg	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	110	H	97	12	ug/Kg	1		8321A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

Detection Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160911-017X (1-3.5) (Continued)

Lab Sample ID: 280-90309-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Amino-2,6-dinitrotoluene	110	H	97	5.0	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene - DL	7000	H B	970	49	ug/Kg	10		8321A	Total/NA

Client Sample ID: SITG-160929-045X (0-2)

Lab Sample ID: 280-90309-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	13	J H	98	12	ug/Kg	1		8321A	Total/NA
1,3-Dinitrobenzene	7.7	J H	98	7.0	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitro-3-xylene	13	J H	98	4.0	ug/Kg	1		8321A	Total/NA
2,6-Dinitrotoluene	86	J H	98	20	ug/Kg	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	190	H	98	12	ug/Kg	1		8321A	Total/NA
2-Nitrotoluene	17	J H	98	5.6	ug/Kg	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	160	H	98	5.0	ug/Kg	1		8321A	Total/NA
4-Nitrotoluene	34	J H	98	11	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene - DL	6200	H B	2000	99	ug/Kg	20		8321A	Total/NA
2,4-Dinitrotoluene - DL	15000	H	2000	160	ug/Kg	20		8321A	Total/NA

Client Sample ID: SITG-161005-068X (0-0.5)

Lab Sample ID: 280-90309-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,5-Dimethyl-2,4-Dinitrobenzene	73	J H	170	23	ug/Kg	1		8270C	Total/NA
1,3,5-Trinitrobenzene	14	J H	97	12	ug/Kg	1		8321A	Total/NA
1,3-Dinitrobenzene	13	J H	97	6.9	ug/Kg	1		8321A	Total/NA
2,3-Dinitrotoluene	150	H	97	5.8	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitro-3-xylene	13	J H	97	4.0	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene	440	H B	97	4.9	ug/Kg	1		8321A	Total/NA
2,5-Dinitrotoluene	150	H	97	11	ug/Kg	1		8321A	Total/NA
2,6-Dinitrotoluene	210	H	97	19	ug/Kg	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	140	H	97	12	ug/Kg	1		8321A	Total/NA
2-Nitrotoluene	33	J H	97	5.6	ug/Kg	1		8321A	Total/NA
3-Nitrotoluene	16	J H	97	12	ug/Kg	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	110	H	97	4.9	ug/Kg	1		8321A	Total/NA
4-Nitrotoluene	79	J H	97	11	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene - DL	2500	H	970	79	ug/Kg	10		8321A	Total/NA

Client Sample ID: SITG-161005-73E (3.5-4.5)

Lab Sample ID: 280-90309-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4,6-Trinitrotoluene	29	J H B	97	4.9	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	8.6	J H	97	8.0	ug/Kg	1		8321A	Total/NA

Client Sample ID: SITG-160912-010X (1-3.5)

Lab Sample ID: 280-90309-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	1100	H	99	12	ug/Kg	1		8321A	Total/NA
1,3-Dinitrobenzene	38	J H	99	7.0	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitro-3-xylene	920	H	99	4.1	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	1100	H	99	8.1	ug/Kg	1		8321A	Total/NA
2,6-Dinitrotoluene	1100	H	99	20	ug/Kg	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	710	H	99	12	ug/Kg	1		8321A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

Detection Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160912-010X (1-3.5) (Continued)

Lab Sample ID: 280-90309-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Amino-2,6-dinitrotoluene	870	H	99	5.0	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene - DL	1200000	H B	200000	10000	ug/Kg	2000		8321A	Total/NA

Client Sample ID: SITG-160914-024S (2-3.5)

Lab Sample ID: 280-90309-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	18	J H	97	12	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitro-3-xylene	210	H	97	4.0	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	250	H	97	7.9	ug/Kg	1		8321A	Total/NA
2,6-Dinitrotoluene	100	H	97	19	ug/Kg	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	600	H	97	12	ug/Kg	1		8321A	Total/NA
2-Nitrotoluene	5.6	J H	97	5.5	ug/Kg	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	1100	H	97	4.9	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene - DL	12000	H B	1900	97	ug/Kg	20		8321A	Total/NA

Client Sample ID: SITG-161004-055XDUP (0-4.5)

Lab Sample ID: 280-90309-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4,6-Trinitrotoluene	140	H B	96	4.8	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	15	J H	96	7.9	ug/Kg	1		8321A	Total/NA

Client Sample ID: SITG-161004-055X (0-4.5)

Lab Sample ID: 280-90309-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4,6-Trinitrotoluene	76	J H B	98	4.9	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	19	J H	98	8.0	ug/Kg	1		8321A	Total/NA

Client Sample ID: SITG-160915-030T (0-1)

Lab Sample ID: 280-90309-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4,6-Trinitro-3-xylene	14	J H	99	4.1	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	730	H	99	8.1	ug/Kg	1		8321A	Total/NA
2,6-Dinitrotoluene	37	J H	99	20	ug/Kg	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	160	H	99	12	ug/Kg	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	260	H	99	5.0	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene - DL	10000	H B	2000	99	ug/Kg	20		8321A	Total/NA

Client Sample ID: SITG-161005-070X (0-5)

Lab Sample ID: 280-90309-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4,6-Trinitrotoluene	110	H B	99	5.0	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	64	J H	99	8.1	ug/Kg	1		8321A	Total/NA

Client Sample ID: SITG-161004-058C (0-4.5)

Lab Sample ID: 280-90309-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4,6-Trinitrotoluene	90	J H B	99	5.0	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	82	J H	99	8.1	ug/Kg	1		8321A	Total/NA

Client Sample ID: SITG-161011-094C (7)

Lab Sample ID: 280-90309-16

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

Detection Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161011-094C (7) (Continued)

Lab Sample ID: 280-90309-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	40	J H	95	12	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene	550	H B	95	4.8	ug/Kg	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	15	J H	95	4.8	ug/Kg	1		8321A	Total/NA

Client Sample ID: SITG-161008-083X (0-7)

Lab Sample ID: 280-90309-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	14	J H	95	12	ug/Kg	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	20	J H	95	11	ug/Kg	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	24	J H	95	4.9	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene - DL	4600	H B	950	48	ug/Kg	10		8321A	Total/NA

Client Sample ID: SITG-161008-088C (6-6.5)

Lab Sample ID: 280-90309-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4,6-Trinitrotoluene	110	H B	100	5.0	ug/Kg	1		8321A	Total/NA
2,4-Dinitrotoluene	20	J H	100	8.1	ug/Kg	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	34	J H	100	12	ug/Kg	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	55	J H	100	5.1	ug/Kg	1		8321A	Total/NA

Client Sample ID: SITG-161011-093W (4-4.5)

Lab Sample ID: 280-90309-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trinitrobenzene	21	J H	98	12	ug/Kg	1		8321A	Total/NA
2,4,6-Trinitrotoluene	420	H B	98	4.9	ug/Kg	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	20	J H	98	12	ug/Kg	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	43	J H	98	5.0	ug/Kg	1		8321A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

Method Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL DEN
8321A	Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)	SW846	TAL DEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100



Sample Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-90309-1	SITG-160909-019X (1.0-3.5)	Solid	09/09/16 16:00	10/29/16 08:50
280-90309-2	SITG-160923-036C (2-2.5)	Solid	09/23/16 11:11	10/29/16 08:50
280-90309-3	SITG-161005-069X (0-0.5)	Solid	10/05/16 08:32	10/29/16 08:50
280-90309-4	SITG-160923-036X (0-2.5)	Solid	09/23/16 11:15	10/29/16 08:50
280-90309-5	SITG-160911-017X (1-3.5)	Solid	09/11/16 11:30	10/29/16 08:50
280-90309-6	SITG-160929-045X (0-2)	Solid	09/29/16 08:30	10/29/16 08:50
280-90309-7	SITG-161005-068X (0-0.5)	Solid	10/05/16 08:30	10/29/16 08:50
280-90309-8	SITG-161005-73E (3.5-4.5)	Solid	10/05/16 16:00	10/29/16 08:50
280-90309-9	SITG-160912-010X (1-3.5)	Solid	09/12/16 12:05	10/29/16 08:50
280-90309-10	SITG-160914-024S (2-3.5)	Solid	09/14/16 17:24	10/29/16 08:50
280-90309-11	SITG-161004-055XDUP (0-4.5)	Solid	10/04/16 14:21	10/29/16 08:50
280-90309-12	SITG-161004-055X (0-4.5)	Solid	10/04/16 14:21	10/29/16 08:50
280-90309-13	SITG-160915-030T (0-1)	Solid	09/15/16 15:47	10/29/16 08:50
280-90309-14	SITG-161005-070X (0-5)	Solid	10/05/16 15:15	10/29/16 08:50
280-90309-15	SITG-161004-058C (0-4.5)	Solid	10/04/16 14:35	10/29/16 08:50
280-90309-16	SITG-161011-094C (7)	Solid	10/11/16 15:38	10/29/16 08:50
280-90309-17	SITG-161008-083X (0-7)	Solid	10/08/16 11:50	10/29/16 08:50
280-90309-18	SITG-161008-088C (6-6.5)	Solid	10/08/16 12:12	10/29/16 08:50
280-90309-19	SITG-161011-093W (4-4.5)	Solid	10/11/16 15:20	10/29/16 08:50

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160909-019X (1.0-3.5)

Lab Sample ID: 280-90309-1

Date Collected: 09/09/16 16:00

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	160	24	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	160	15	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,4-Dimethyl-2,5-Dinitrobenzene	12	U H	160	12	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 17:27	1
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		24 - 135	10/31/16 21:32	12/15/16 17:27	1
2-Fluorobiphenyl	75		33 - 135	10/31/16 21:32	12/15/16 17:27	1
2-Fluorophenol	76		39 - 135	10/31/16 21:32	12/15/16 17:27	1
Nitrobenzene-d5	67		32 - 135	10/31/16 21:32	12/15/16 17:27	1
Phenol-d5	79		39 - 135	10/31/16 21:32	12/15/16 17:27	1
Terphenyl-d14	84		30 - 135	10/31/16 21:32	12/15/16 17:27	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	690	H	96	12	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
1,3-Dinitrobenzene	6.8	U H	96	6.8	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
2,3-Dinitrotoluene	5.8	U H	96	5.8	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
2,4,6-Trinitro-3-xylene	610	H	96	3.9	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
2,5-Dinitrotoluene	11	U H	96	11	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
2-Nitrotoluene	5.5	U H	96	5.5	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
3,4-Dinitrotoluene	9.6	U H	96	9.6	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
3,5-Dinitrotoluene	20	U H	96	20	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
3-Nitrotoluene	12	U H	96	12	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
4-Nitrotoluene	11	U H	96	11	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
HMX	5.6	U H	96	5.6	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
Nitrobenzene	10	U H	96	10	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
Nitroglycerin	10	U H	96	10	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
PETN	4.9	U H	96	4.9	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
RDX	4.1	U H	96	4.1	ug/Kg		12/12/16 12:35	12/15/16 15:53	1
Tetryl	7.3	U H	96	7.3	ug/Kg		12/12/16 12:35	12/15/16 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	93		68 - 140	12/12/16 12:35	12/15/16 15:53	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	5300	J H	48000	3900	ug/Kg		12/12/16 12:35	12/16/16 16:05	500
2,6-Dinitrotoluene	9600	U H	48000	9600	ug/Kg		12/12/16 12:35	12/16/16 16:05	500
2-Amino-4,6-dinitrotoluene	5800	U H	48000	5800	ug/Kg		12/12/16 12:35	12/16/16 16:05	500
4-Amino-2,6-dinitrotoluene	2400	U H	48000	2400	ug/Kg		12/12/16 12:35	12/16/16 16:05	500

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160909-019X (1.0-3.5)

Lab Sample ID: 280-90309-1

Date Collected: 09/09/16 16:00

Matrix: Solid

Date Received: 10/29/16 08:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	0	D X	68 - 140	12/12/16 12:35	12/16/16 16:05	500

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	1300000	H B	190000	9700	ug/Kg		12/12/16 12:35	12/19/16 09:04	2000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	0	D X	68 - 140	12/12/16 12:35	12/19/16 09:04	2000

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160923-036C (2-2.5)

Lab Sample ID: 280-90309-2

Date Collected: 09/23/16 11:11

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,2-Dimethyl-3,5-Dinitrobenzene	23	U H	160	23	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,2-Dimethyl-3,6-Dinitrobenzene	25	U H	160	25	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,2-Dimethyl-4,5-Dinitrobenzene	23	U H	160	23	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	160	13	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	160	18	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 17:51	1
1,5-Dimethyl-2,4-Dinitrobenzene	23	U H	160	23	ug/Kg		10/31/16 21:32	12/15/16 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		24 - 135	10/31/16 21:32	12/15/16 17:51	1
2-Fluorobiphenyl	83		33 - 135	10/31/16 21:32	12/15/16 17:51	1
2-Fluorophenol	84		39 - 135	10/31/16 21:32	12/15/16 17:51	1
Nitrobenzene-d5	76		32 - 135	10/31/16 21:32	12/15/16 17:51	1
Phenol-d5	85		39 - 135	10/31/16 21:32	12/15/16 17:51	1
Terphenyl-d14	93		30 - 135	10/31/16 21:32	12/15/16 17:51	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	19	J H	98	12	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
1,3-Dinitrobenzene	8.1	J H	98	7.0	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
2,3-Dinitrotoluene	5.9	U H	98	5.9	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
2,4,6-Trinitro-3-xylene	19	J H	98	4.0	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
2,5-Dinitrotoluene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
2,6-Dinitrotoluene	60	J H	98	20	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
2-Amino-4,6-dinitrotoluene	12	U H	98	12	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
2-Nitrotoluene	13	J H	98	5.6	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
3,4-Dinitrotoluene	9.8	U H	98	9.8	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
3,5-Dinitrotoluene	21	U H	98	21	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
3-Nitrotoluene	13	U H	98	13	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
4-Amino-2,6-dinitrotoluene	5.0	U H	98	5.0	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
4-Nitrotoluene	33	J H	98	11	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
HMX	5.7	U H	98	5.7	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
Nitrobenzene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
Nitroglycerin	10	U H	98	10	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
PETN	5.1	U H	98	5.1	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
RDX	4.3	U H	98	4.3	ug/Kg		12/12/16 12:35	12/15/16 16:25	1
Tetryl	7.5	U H	98	7.5	ug/Kg		12/12/16 12:35	12/15/16 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	98		68 - 140	12/12/16 12:35	12/15/16 16:25	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	15000	H B	2000	99	ug/Kg		12/12/16 12:35	12/16/16 16:38	20
2,4-Dinitrotoluene	4300	H	2000	160	ug/Kg		12/12/16 12:35	12/16/16 16:38	20

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160923-036C (2-2.5)

Date Collected: 09/23/16 11:11

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90309-2

Matrix: Solid

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5</i>	102	D	68 - 140	12/12/16 12:35	12/16/16 16:38	20

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161005-069X (0-0.5)

Lab Sample ID: 280-90309-3

Date Collected: 10/05/16 08:32

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	160	24	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	160	13	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	160	18	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 18:15	1
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		24 - 135	10/31/16 21:32	12/15/16 18:15	1
2-Fluorobiphenyl	82		33 - 135	10/31/16 21:32	12/15/16 18:15	1
2-Fluorophenol	76		39 - 135	10/31/16 21:32	12/15/16 18:15	1
Nitrobenzene-d5	66		32 - 135	10/31/16 21:32	12/15/16 18:15	1
Phenol-d5	83		39 - 135	10/31/16 21:32	12/15/16 18:15	1
Terphenyl-d14	88		30 - 135	10/31/16 21:32	12/15/16 18:15	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	19	J H	98	12	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
1,3-Dinitrobenzene	6.9	U H	98	6.9	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
2,3-Dinitrotoluene	5.9	U H	98	5.9	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
2,4,6-Trinitro-3-xylene	44	J H	98	4.0	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
2,5-Dinitrotoluene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
2,6-Dinitrotoluene	290	H	98	20	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
2-Nitrotoluene	39	J H	98	5.6	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
3,4-Dinitrotoluene	9.8	U H	98	9.8	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
3,5-Dinitrotoluene	20	U H	98	20	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
3-Nitrotoluene	12	J H	98	12	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
4-Nitrotoluene	66	J H	98	11	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
HMX	5.7	U H	98	5.7	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
Nitrobenzene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
Nitroglycerin	10	U H	98	10	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
PETN	5.0	U H	98	5.0	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
RDX	4.2	U H	98	4.2	ug/Kg		12/12/16 12:35	12/15/16 16:57	1
Tetryl	7.4	U H	98	7.4	ug/Kg		12/12/16 12:35	12/15/16 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	103		68 - 140	12/12/16 12:35	12/15/16 16:57	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	23000	H B	4900	250	ug/Kg		12/12/16 12:35	12/16/16 17:10	50
2,4-Dinitrotoluene	3800	J H	4900	400	ug/Kg		12/12/16 12:35	12/16/16 17:10	50
2-Amino-4,6-dinitrotoluene	2200	J H	4900	590	ug/Kg		12/12/16 12:35	12/16/16 17:10	50
4-Amino-2,6-dinitrotoluene	2000	J H	4900	250	ug/Kg		12/12/16 12:35	12/16/16 17:10	50

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161005-069X (0-0.5)

Date Collected: 10/05/16 08:32

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90309-3

Matrix: Solid

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	119	D	68 - 140	12/12/16 12:35	12/16/16 17:10	50

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160923-036X (0-2.5)

Lab Sample ID: 280-90309-4

Date Collected: 09/23/16 11:15

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	160	24	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	160	13	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	160	18	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 18:39	1
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		24 - 135	10/31/16 21:32	12/15/16 18:39	1
2-Fluorobiphenyl	80		33 - 135	10/31/16 21:32	12/15/16 18:39	1
2-Fluorophenol	85		39 - 135	10/31/16 21:32	12/15/16 18:39	1
Nitrobenzene-d5	76		32 - 135	10/31/16 21:32	12/15/16 18:39	1
Phenol-d5	87		39 - 135	10/31/16 21:32	12/15/16 18:39	1
Terphenyl-d14	97		30 - 135	10/31/16 21:32	12/15/16 18:39	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	12	U H	98	12	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
1,3-Dinitrobenzene	7.0	U H	98	7.0	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
2,3-Dinitrotoluene	5.9	U H	98	5.9	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
2,4,6-Trinitro-3-xylene	12	J H	98	4.0	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
2,5-Dinitrotoluene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
2,6-Dinitrotoluene	52	J H	98	20	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
2-Amino-4,6-dinitrotoluene	12	U H	98	12	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
2-Nitrotoluene	10	J H	98	5.6	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
3,4-Dinitrotoluene	9.8	U H	98	9.8	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
3,5-Dinitrotoluene	21	U H	98	21	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
3-Nitrotoluene	13	U H	98	13	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
4-Amino-2,6-dinitrotoluene	59	J H	98	5.0	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
4-Nitrotoluene	22	J H	98	11	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
HMX	5.7	U H	98	5.7	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
Nitrobenzene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
Nitroglycerin	10	U H	98	10	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
PETN	5.1	U H	98	5.1	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
RDX	4.2	U H	98	4.2	ug/Kg		12/12/16 12:35	12/15/16 17:30	1
Tetryl	7.5	U H	98	7.5	ug/Kg		12/12/16 12:35	12/15/16 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	107		68 - 140	12/12/16 12:35	12/15/16 17:30	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	9000	H B	2000	99	ug/Kg		12/12/16 12:35	12/16/16 17:42	20
2,4-Dinitrotoluene	1900	J H	2000	160	ug/Kg		12/12/16 12:35	12/16/16 17:42	20

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160923-036X (0-2.5)

Date Collected: 09/23/16 11:15

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90309-4

Matrix: Solid

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	97	D	68 - 140	12/12/16 12:35	12/16/16 17:42	20

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160911-017X (1-3.5)

Lab Sample ID: 280-90309-5

Date Collected: 09/11/16 11:30

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	26	U H	150	26	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,2-Dimethyl-3,5-Dinitrobenzene	21	U H	150	21	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,2-Dimethyl-3,6-Dinitrobenzene	23	U H	150	23	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,2-Dimethyl-4,5-Dinitrobenzene	21	U H	150	21	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	150	16	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	150	15	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,4-Dimethyl-2,3-Dinitrobenzene	25	U H	150	25	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,4-Dimethyl-2,5-Dinitrobenzene	12	U H	150	12	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	150	17	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,5-Dimethyl-2,3-Dinitrobenzene	25	U H	150	25	ug/Kg		10/31/16 21:32	12/15/16 19:03	1
1,5-Dimethyl-2,4-Dinitrobenzene	21	U H	150	21	ug/Kg		10/31/16 21:32	12/15/16 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		24 - 135	10/31/16 21:32	12/15/16 19:03	1
2-Fluorobiphenyl	72		33 - 135	10/31/16 21:32	12/15/16 19:03	1
2-Fluorophenol	79		39 - 135	10/31/16 21:32	12/15/16 19:03	1
Nitrobenzene-d5	69		32 - 135	10/31/16 21:32	12/15/16 19:03	1
Phenol-d5	81		39 - 135	10/31/16 21:32	12/15/16 19:03	1
Terphenyl-d14	82		30 - 135	10/31/16 21:32	12/15/16 19:03	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	13	J H	97	12	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
1,3-Dinitrobenzene	6.9	U H	97	6.9	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
2,3-Dinitrotoluene	5.8	U H	97	5.8	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
2,4,6-Trinitro-3-xylene	5.9	J H	97	4.0	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
2,4-Dinitrotoluene	31	J H	97	8.0	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
2,5-Dinitrotoluene	11	U H	97	11	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
2,6-Dinitrotoluene	28	J H	97	19	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
2-Amino-4,6-dinitrotoluene	110	H	97	12	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
2-Nitrotoluene	5.6	U H	97	5.6	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
3,4-Dinitrotoluene	9.7	U H	97	9.7	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
3,5-Dinitrotoluene	20	U H	97	20	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
3-Nitrotoluene	12	U H	97	12	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
4-Amino-2,6-dinitrotoluene	110	H	97	5.0	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
4-Nitrotoluene	11	U H	97	11	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
HMX	5.7	U H	97	5.7	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
Nitrobenzene	11	U H	97	11	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
Nitroglycerin	10	U H	97	10	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
PETN	5.0	U H	97	5.0	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
RDX	4.2	U H	97	4.2	ug/Kg		12/12/16 12:35	12/15/16 18:02	1
Tetryl	7.4	U H	97	7.4	ug/Kg		12/12/16 12:35	12/15/16 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	98		68 - 140	12/12/16 12:35	12/15/16 18:02	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	7000	H B	970	49	ug/Kg		12/12/16 12:35	12/16/16 18:14	10

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160911-017X (1-3.5)

Date Collected: 09/11/16 11:30

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90309-5

Matrix: Solid

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	91	D	68 - 140	12/12/16 12:35	12/16/16 18:14	10

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160929-045X (0-2)

Lab Sample ID: 280-90309-6

Date Collected: 09/29/16 08:30

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	28	U H	170	28	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,2-Dimethyl-3,5-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,2-Dimethyl-3,6-Dinitrobenzene	25	U H	170	25	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,2-Dimethyl-4,5-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	170	17	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	170	16	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,4-Dimethyl-2,3-Dinitrobenzene	27	U H	170	27	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	170	13	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	170	18	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,5-Dimethyl-2,3-Dinitrobenzene	27	U H	170	27	ug/Kg		10/31/16 21:32	12/15/16 19:27	1
1,5-Dimethyl-2,4-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		24 - 135	10/31/16 21:32	12/15/16 19:27	1
2-Fluorobiphenyl	83		33 - 135	10/31/16 21:32	12/15/16 19:27	1
2-Fluorophenol	85		39 - 135	10/31/16 21:32	12/15/16 19:27	1
Nitrobenzene-d5	75		32 - 135	10/31/16 21:32	12/15/16 19:27	1
Phenol-d5	87		39 - 135	10/31/16 21:32	12/15/16 19:27	1
Terphenyl-d14	93		30 - 135	10/31/16 21:32	12/15/16 19:27	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	13	J H	98	12	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
1,3-Dinitrobenzene	7.7	J H	98	7.0	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
2,3-Dinitrotoluene	5.9	U H	98	5.9	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
2,4,6-Trinitro-3-xylene	13	J H	98	4.0	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
2,5-Dinitrotoluene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
2,6-Dinitrotoluene	86	J H	98	20	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
2-Amino-4,6-dinitrotoluene	190	H	98	12	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
2-Nitrotoluene	17	J H	98	5.6	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
3,4-Dinitrotoluene	9.8	U H	98	9.8	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
3,5-Dinitrotoluene	21	U H	98	21	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
3-Nitrotoluene	13	U H	98	13	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
4-Amino-2,6-dinitrotoluene	160	H	98	5.0	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
4-Nitrotoluene	34	J H	98	11	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
HMX	5.7	U H	98	5.7	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
Nitrobenzene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
Nitroglycerin	10	U H	98	10	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
PETN	5.0	U H	98	5.0	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
RDX	4.2	U H	98	4.2	ug/Kg		12/12/16 12:35	12/15/16 18:34	1
Tetryl	7.4	U H	98	7.4	ug/Kg		12/12/16 12:35	12/15/16 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	105		68 - 140	12/12/16 12:35	12/15/16 18:34	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	6200	H B	2000	99	ug/Kg		12/12/16 12:35	12/16/16 18:46	20
2,4-Dinitrotoluene	15000	H	2000	160	ug/Kg		12/12/16 12:35	12/16/16 18:46	20

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160929-045X (0-2)

Date Collected: 09/29/16 08:30

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90309-6

Matrix: Solid

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5</i>	105	D	68 - 140	12/12/16 12:35	12/16/16 18:46	20

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161005-068X (0-0.5)

Lab Sample ID: 280-90309-7

Date Collected: 10/05/16 08:30

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	28	U H	170	28	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,2-Dimethyl-3,5-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,2-Dimethyl-3,6-Dinitrobenzene	25	U H	170	25	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,2-Dimethyl-4,5-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	170	17	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	170	16	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,4-Dimethyl-2,3-Dinitrobenzene	27	U H	170	27	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	170	13	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	170	18	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,5-Dimethyl-2,3-Dinitrobenzene	27	U H	170	27	ug/Kg		10/31/16 21:32	12/15/16 19:50	1
1,5-Dimethyl-2,4-Dinitrobenzene	73	J H	170	23	ug/Kg		10/31/16 21:32	12/15/16 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	86		24 - 135	10/31/16 21:32	12/15/16 19:50	1
2-Fluorobiphenyl	84		33 - 135	10/31/16 21:32	12/15/16 19:50	1
2-Fluorophenol	89		39 - 135	10/31/16 21:32	12/15/16 19:50	1
Nitrobenzene-d5	76		32 - 135	10/31/16 21:32	12/15/16 19:50	1
Phenol-d5	93		39 - 135	10/31/16 21:32	12/15/16 19:50	1
Terphenyl-d14	93		30 - 135	10/31/16 21:32	12/15/16 19:50	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	14	J H	97	12	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
1,3-Dinitrobenzene	13	J H	97	6.9	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
2,3-Dinitrotoluene	150	H	97	5.8	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
2,4,6-Trinitro-3-xylene	13	J H	97	4.0	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
2,4,6-Trinitrotoluene	440	H B	97	4.9	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
2,5-Dinitrotoluene	150	H	97	11	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
2,6-Dinitrotoluene	210	H	97	19	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
2-Amino-4,6-dinitrotoluene	140	H	97	12	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
2-Nitrotoluene	33	J H	97	5.6	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
3,4-Dinitrotoluene	9.7	U H	97	9.7	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
3,5-Dinitrotoluene	20	U H	97	20	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
3-Nitrotoluene	16	J H	97	12	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
4-Amino-2,6-dinitrotoluene	110	H	97	4.9	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
4-Nitrotoluene	79	J H	97	11	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
HMX	5.7	U H	97	5.7	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
Nitrobenzene	10	U H	97	10	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
Nitroglycerin	10	U H	97	10	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
PETN	5.0	U H	97	5.0	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
RDX	4.2	U H	97	4.2	ug/Kg		12/12/16 12:35	12/15/16 19:39	1
Tetryl	7.4	U H	97	7.4	ug/Kg		12/12/16 12:35	12/15/16 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	93		68 - 140	12/12/16 12:35	12/15/16 19:39	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	2500	H	970	79	ug/Kg		12/12/16 12:35	12/16/16 19:19	10

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161005-068X (0-0.5)

Date Collected: 10/05/16 08:30

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90309-7

Matrix: Solid

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	106	D	68 - 140	12/12/16 12:35	12/16/16 19:19	10

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161005-73E (3.5-4.5)

Lab Sample ID: 280-90309-8

Date Collected: 10/05/16 16:00

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	26	U H	150	26	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,2-Dimethyl-3,5-Dinitrobenzene	21	U H	150	21	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,2-Dimethyl-3,6-Dinitrobenzene	23	U H	150	23	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,2-Dimethyl-4,5-Dinitrobenzene	21	U H	150	21	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	150	16	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	150	15	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,4-Dimethyl-2,3-Dinitrobenzene	25	U H	150	25	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,4-Dimethyl-2,5-Dinitrobenzene	12	U H	150	12	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	150	17	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,5-Dimethyl-2,3-Dinitrobenzene	25	U H	150	25	ug/Kg		10/31/16 21:32	12/15/16 20:14	1
1,5-Dimethyl-2,4-Dinitrobenzene	21	U H	150	21	ug/Kg		10/31/16 21:32	12/15/16 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		24 - 135	10/31/16 21:32	12/15/16 20:14	1
2-Fluorobiphenyl	83		33 - 135	10/31/16 21:32	12/15/16 20:14	1
2-Fluorophenol	88		39 - 135	10/31/16 21:32	12/15/16 20:14	1
Nitrobenzene-d5	75		32 - 135	10/31/16 21:32	12/15/16 20:14	1
Phenol-d5	89		39 - 135	10/31/16 21:32	12/15/16 20:14	1
Terphenyl-d14	91		30 - 135	10/31/16 21:32	12/15/16 20:14	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	12	U H	97	12	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
1,3-Dinitrobenzene	6.9	U H	97	6.9	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
2,3-Dinitrotoluene	5.8	U H	97	5.8	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
2,4,6-Trinitro-3-xylene	4.0	U H	97	4.0	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
2,4,6-Trinitrotoluene	29	J H B	97	4.9	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
2,4-Dinitrotoluene	8.6	J H	97	8.0	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
2,5-Dinitrotoluene	11	U H	97	11	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
2,6-Dinitrotoluene	19	U H	97	19	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
2-Amino-4,6-dinitrotoluene	12	U H	97	12	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
2-Nitrotoluene	5.6	U H	97	5.6	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
3,4-Dinitrotoluene	9.7	U H	97	9.7	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
3,5-Dinitrotoluene	20	U H	97	20	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
3-Nitrotoluene	12	U H	97	12	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
4-Amino-2,6-dinitrotoluene	5.0	U H	97	5.0	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
4-Nitrotoluene	11	U H	97	11	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
HMX	5.7	U H	97	5.7	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
Nitrobenzene	11	U H	97	11	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
Nitroglycerin	10	U H	97	10	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
PETN	5.0	U H	97	5.0	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
RDX	4.2	U H	97	4.2	ug/Kg		12/12/16 12:35	12/15/16 20:11	1
Tetryl	7.4	U H	97	7.4	ug/Kg		12/12/16 12:35	12/15/16 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	94		68 - 140	12/12/16 12:35	12/15/16 20:11	1

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160912-010X (1-3.5)

Lab Sample ID: 280-90309-9

Date Collected: 09/12/16 12:05

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	28	U H	170	28	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,2-Dimethyl-3,5-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,2-Dimethyl-3,6-Dinitrobenzene	25	U H	170	25	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,2-Dimethyl-4,5-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	170	17	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	170	16	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,4-Dimethyl-2,3-Dinitrobenzene	27	U H	170	27	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	170	13	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	170	18	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,5-Dimethyl-2,3-Dinitrobenzene	27	U H	170	27	ug/Kg		10/31/16 21:32	12/15/16 20:38	1
1,5-Dimethyl-2,4-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	87		24 - 135	10/31/16 21:32	12/15/16 20:38	1
2-Fluorobiphenyl	86		33 - 135	10/31/16 21:32	12/15/16 20:38	1
2-Fluorophenol	84		39 - 135	10/31/16 21:32	12/15/16 20:38	1
Nitrobenzene-d5	77		32 - 135	10/31/16 21:32	12/15/16 20:38	1
Phenol-d5	89		39 - 135	10/31/16 21:32	12/15/16 20:38	1
Terphenyl-d14	90		30 - 135	10/31/16 21:32	12/15/16 20:38	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	1100	H	99	12	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
1,3-Dinitrobenzene	38	J H	99	7.0	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
2,3-Dinitrotoluene	5.9	U H	99	5.9	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
2,4,6-Trinitro-3-xylene	920	H	99	4.1	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
2,4-Dinitrotoluene	1100	H	99	8.1	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
2,5-Dinitrotoluene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
2,6-Dinitrotoluene	1100	H	99	20	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
2-Amino-4,6-dinitrotoluene	710	H	99	12	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
2-Nitrotoluene	5.7	U H	99	5.7	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
3,4-Dinitrotoluene	9.9	U H	99	9.9	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
3,5-Dinitrotoluene	21	U H	99	21	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
3-Nitrotoluene	13	U H	99	13	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
4-Amino-2,6-dinitrotoluene	870	H	99	5.0	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
4-Nitrotoluene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
HMX	5.8	U H	99	5.8	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
Nitrobenzene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
Nitroglycerin	10	U H	99	10	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
PETN	5.1	U H	99	5.1	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
RDX	4.3	U H	99	4.3	ug/Kg		12/12/16 12:35	12/15/16 20:43	1
Tetryl	7.5	U H	99	7.5	ug/Kg		12/12/16 12:35	12/15/16 20:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	97		68 - 140	12/12/16 12:35	12/15/16 20:43	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	1200000	H B	200000	10000	ug/Kg		12/12/16 12:35	12/19/16 09:37	2000

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160912-010X (1-3.5)

Date Collected: 09/12/16 12:05

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90309-9

Matrix: Solid

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	0	DX	68 - 140	12/12/16 12:35	12/19/16 09:37	2000

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160914-024S (2-3.5)

Lab Sample ID: 280-90309-10

Date Collected: 09/14/16 17:24

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	160	24	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	160	15	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	160	13	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 21:02	1
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		24 - 135	10/31/16 21:32	12/15/16 21:02	1
2-Fluorobiphenyl	108		33 - 135	10/31/16 21:32	12/15/16 21:02	1
2-Fluorophenol	108		39 - 135	10/31/16 21:32	12/15/16 21:02	1
Nitrobenzene-d5	94		32 - 135	10/31/16 21:32	12/15/16 21:02	1
Phenol-d5	113		39 - 135	10/31/16 21:32	12/15/16 21:02	1
Terphenyl-d14	120		30 - 135	10/31/16 21:32	12/15/16 21:02	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	18	J H	97	12	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
1,3-Dinitrobenzene	6.9	U H	97	6.9	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
2,3-Dinitrotoluene	5.8	U H	97	5.8	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
2,4,6-Trinitro-3-xylene	210	H	97	4.0	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
2,4-Dinitrotoluene	250	H	97	7.9	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
2,5-Dinitrotoluene	11	U H	97	11	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
2,6-Dinitrotoluene	100	H	97	19	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
2-Amino-4,6-dinitrotoluene	600	H	97	12	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
2-Nitrotoluene	5.6	J H	97	5.5	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
3,4-Dinitrotoluene	9.7	U H	97	9.7	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
3,5-Dinitrotoluene	20	U H	97	20	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
3-Nitrotoluene	12	U H	97	12	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
4-Amino-2,6-dinitrotoluene	1100	H	97	4.9	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
4-Nitrotoluene	11	U H	97	11	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
HMX	5.6	U H	97	5.6	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
Nitrobenzene	10	U H	97	10	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
Nitroglycerin	10	U H	97	10	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
PETN	5.0	U H	97	5.0	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
RDX	4.2	U H	97	4.2	ug/Kg		12/12/16 12:35	12/15/16 21:15	1
Tetryl	7.3	U H	97	7.3	ug/Kg		12/12/16 12:35	12/15/16 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	100		68 - 140	12/12/16 12:35	12/15/16 21:15	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	12000	H B	1900	97	ug/Kg		12/12/16 12:35	12/16/16 20:56	20

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160914-024S (2-3.5)

Lab Sample ID: 280-90309-10

Date Collected: 09/14/16 17:24

Matrix: Solid

Date Received: 10/29/16 08:50

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	117	D	68 - 140	12/12/16 12:35	12/16/16 20:56	20

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161004-055XDUP (0-4.5)

Lab Sample ID: 280-90309-11

Date Collected: 10/04/16 14:21

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	160	24	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	160	13	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	160	18	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 21:26	1
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		24 - 135	10/31/16 21:32	12/15/16 21:26	1
2-Fluorobiphenyl	83		33 - 135	10/31/16 21:32	12/15/16 21:26	1
2-Fluorophenol	89		39 - 135	10/31/16 21:32	12/15/16 21:26	1
Nitrobenzene-d5	80		32 - 135	10/31/16 21:32	12/15/16 21:26	1
Phenol-d5	94		39 - 135	10/31/16 21:32	12/15/16 21:26	1
Terphenyl-d14	94		30 - 135	10/31/16 21:32	12/15/16 21:26	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	12	U H	96	12	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
1,3-Dinitrobenzene	6.9	U H	96	6.9	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
2,3-Dinitrotoluene	5.8	U H	96	5.8	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
2,4,6-Trinitro-3-xylene	3.9	U H	96	3.9	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
2,4,6-Trinitrotoluene	140	H B	96	4.8	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
2,4-Dinitrotoluene	15	J H	96	7.9	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
2,5-Dinitrotoluene	11	U H	96	11	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
2,6-Dinitrotoluene	19	U H	96	19	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
2-Amino-4,6-dinitrotoluene	12	U H	96	12	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
2-Nitrotoluene	5.5	U H	96	5.5	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
3,4-Dinitrotoluene	9.6	U H	96	9.6	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
3,5-Dinitrotoluene	20	U H	96	20	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
3-Nitrotoluene	12	U H	96	12	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
4-Amino-2,6-dinitrotoluene	4.9	U H	96	4.9	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
4-Nitrotoluene	11	U H	96	11	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
HMX	5.6	U H	96	5.6	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
Nitrobenzene	10	U H	96	10	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
Nitroglycerin	10	U H	96	10	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
PETN	5.0	U H	96	5.0	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
RDX	4.2	U H	96	4.2	ug/Kg		12/12/16 12:35	12/15/16 21:47	1
Tetryl	7.3	U H	96	7.3	ug/Kg		12/12/16 12:35	12/15/16 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	97		68 - 140	12/12/16 12:35	12/15/16 21:47	1

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161004-055X (0-4.5)

Lab Sample ID: 280-90309-12

Date Collected: 10/04/16 14:21

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	28	U H	170	28	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,2-Dimethyl-3,5-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,2-Dimethyl-3,6-Dinitrobenzene	25	U H	170	25	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,2-Dimethyl-4,5-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	170	17	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	170	16	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,4-Dimethyl-2,3-Dinitrobenzene	27	U H	170	27	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	170	13	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	170	18	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,5-Dimethyl-2,3-Dinitrobenzene	27	U H	170	27	ug/Kg		10/31/16 21:32	12/15/16 21:50	1
1,5-Dimethyl-2,4-Dinitrobenzene	23	U H	170	23	ug/Kg		10/31/16 21:32	12/15/16 21:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		24 - 135	10/31/16 21:32	12/15/16 21:50	1
2-Fluorobiphenyl	84		33 - 135	10/31/16 21:32	12/15/16 21:50	1
2-Fluorophenol	90		39 - 135	10/31/16 21:32	12/15/16 21:50	1
Nitrobenzene-d5	81		32 - 135	10/31/16 21:32	12/15/16 21:50	1
Phenol-d5	94		39 - 135	10/31/16 21:32	12/15/16 21:50	1
Terphenyl-d14	93		30 - 135	10/31/16 21:32	12/15/16 21:50	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	12	U H	98	12	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
1,3-Dinitrobenzene	7.0	U H	98	7.0	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
2,3-Dinitrotoluene	5.9	U H	98	5.9	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
2,4,6-Trinitro-3-xylene	4.0	U H	98	4.0	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
2,4,6-Trinitrotoluene	76	J H B	98	4.9	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
2,4-Dinitrotoluene	19	J H	98	8.0	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
2,5-Dinitrotoluene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
2,6-Dinitrotoluene	20	U H	98	20	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
2-Amino-4,6-dinitrotoluene	12	U H	98	12	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
2-Nitrotoluene	5.6	U H	98	5.6	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
3,4-Dinitrotoluene	9.8	U H	98	9.8	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
3,5-Dinitrotoluene	21	U H	98	21	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
3-Nitrotoluene	13	U H	98	13	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
4-Amino-2,6-dinitrotoluene	5.0	U H	98	5.0	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
4-Nitrotoluene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
HMX	5.7	U H	98	5.7	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
Nitrobenzene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
Nitroglycerin	10	U H	98	10	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
PETN	5.1	U H	98	5.1	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
RDX	4.2	U H	98	4.2	ug/Kg		12/12/16 12:35	12/15/16 22:20	1
Tetryl	7.4	U H	98	7.4	ug/Kg		12/12/16 12:35	12/15/16 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	95		68 - 140	12/12/16 12:35	12/15/16 22:20	1

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160915-030T (0-1)

Lab Sample ID: 280-90309-13

Date Collected: 09/15/16 15:47

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	160	24	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	160	13	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	160	18	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 22:14	1
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	79		24 - 135	10/31/16 21:32	12/15/16 22:14	1
2-Fluorobiphenyl	80		33 - 135	10/31/16 21:32	12/15/16 22:14	1
2-Fluorophenol	85		39 - 135	10/31/16 21:32	12/15/16 22:14	1
Nitrobenzene-d5	73		32 - 135	10/31/16 21:32	12/15/16 22:14	1
Phenol-d5	88		39 - 135	10/31/16 21:32	12/15/16 22:14	1
Terphenyl-d14	90		30 - 135	10/31/16 21:32	12/15/16 22:14	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	12	U H	99	12	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
1,3-Dinitrobenzene	7.0	U H	99	7.0	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
2,3-Dinitrotoluene	5.9	U H	99	5.9	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
2,4,6-Trinitro-3-xylene	14	J H	99	4.1	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
2,4-Dinitrotoluene	730	H	99	8.1	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
2,5-Dinitrotoluene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
2,6-Dinitrotoluene	37	J H	99	20	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
2-Amino-4,6-dinitrotoluene	160	H	99	12	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
2-Nitrotoluene	5.7	U H	99	5.7	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
3,4-Dinitrotoluene	9.9	U H	99	9.9	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
3,5-Dinitrotoluene	21	U H	99	21	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
3-Nitrotoluene	13	U H	99	13	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
4-Amino-2,6-dinitrotoluene	260	H	99	5.0	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
4-Nitrotoluene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
HMX	5.8	U H	99	5.8	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
Nitrobenzene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
Nitroglycerin	10	U H	99	10	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
PETN	5.1	U H	99	5.1	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
RDX	4.3	U H	99	4.3	ug/Kg		12/12/16 12:35	12/15/16 22:52	1
Tetryl	7.5	U H	99	7.5	ug/Kg		12/12/16 12:35	12/15/16 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	100		68 - 140	12/12/16 12:35	12/15/16 22:52	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	10000	H B	2000	99	ug/Kg		12/12/16 12:35	12/16/16 21:28	20

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160915-030T (0-1)

Date Collected: 09/15/16 15:47

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90309-13

Matrix: Solid

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	98	D	68 - 140	12/12/16 12:35	12/16/16 21:28	20

1

2

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15

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161005-070X (0-5)

Lab Sample ID: 280-90309-14

Date Collected: 10/05/16 15:15

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	160	24	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	160	15	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	160	13	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 22:38	1
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		24 - 135	10/31/16 21:32	12/15/16 22:38	1
2-Fluorobiphenyl	81		33 - 135	10/31/16 21:32	12/15/16 22:38	1
2-Fluorophenol	92		39 - 135	10/31/16 21:32	12/15/16 22:38	1
Nitrobenzene-d5	78		32 - 135	10/31/16 21:32	12/15/16 22:38	1
Phenol-d5	93		39 - 135	10/31/16 21:32	12/15/16 22:38	1
Terphenyl-d14	91		30 - 135	10/31/16 21:32	12/15/16 22:38	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	12	U H	99	12	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
1,3-Dinitrobenzene	7.0	U H	99	7.0	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
2,3-Dinitrotoluene	5.9	U H	99	5.9	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
2,4,6-Trinitro-3-xylene	4.1	U H	99	4.1	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
2,4,6-Trinitrotoluene	110	H B	99	5.0	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
2,4-Dinitrotoluene	64	J H	99	8.1	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
2,5-Dinitrotoluene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
2,6-Dinitrotoluene	20	U H	99	20	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
2-Amino-4,6-dinitrotoluene	12	U H	99	12	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
2-Nitrotoluene	5.7	U H	99	5.7	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
3,4-Dinitrotoluene	9.9	U H	99	9.9	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
3,5-Dinitrotoluene	21	U H	99	21	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
3-Nitrotoluene	13	U H	99	13	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
4-Amino-2,6-dinitrotoluene	5.0	U H	99	5.0	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
4-Nitrotoluene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
HMX	5.8	U H	99	5.8	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
Nitrobenzene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
Nitroglycerin	10	U H	99	10	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
PETN	5.1	U H	99	5.1	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
RDX	4.3	U H	99	4.3	ug/Kg		12/12/16 12:35	12/15/16 23:24	1
Tetryl	7.5	U H	99	7.5	ug/Kg		12/12/16 12:35	12/15/16 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	97		68 - 140	12/12/16 12:35	12/15/16 23:24	1

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161004-058C (0-4.5)

Lab Sample ID: 280-90309-15

Date Collected: 10/04/16 14:35

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	160	24	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	160	15	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	160	13	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/15/16 23:02	1
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/15/16 23:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	73		24 - 135	10/31/16 21:32	12/15/16 23:02	1
2-Fluorobiphenyl	82		33 - 135	10/31/16 21:32	12/15/16 23:02	1
2-Fluorophenol	86		39 - 135	10/31/16 21:32	12/15/16 23:02	1
Nitrobenzene-d5	79		32 - 135	10/31/16 21:32	12/15/16 23:02	1
Phenol-d5	89		39 - 135	10/31/16 21:32	12/15/16 23:02	1
Terphenyl-d14	90		30 - 135	10/31/16 21:32	12/15/16 23:02	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	12	U H	99	12	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
1,3-Dinitrobenzene	7.0	U H	99	7.0	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
2,3-Dinitrotoluene	5.9	U H	99	5.9	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
2,4,6-Trinitro-3-xylene	4.1	U H	99	4.1	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
2,4,6-Trinitrotoluene	90	J H B	99	5.0	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
2,4-Dinitrotoluene	82	J H	99	8.1	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
2,5-Dinitrotoluene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
2,6-Dinitrotoluene	20	U H	99	20	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
2-Amino-4,6-dinitrotoluene	12	U H	99	12	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
2-Nitrotoluene	5.7	U H	99	5.7	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
3,4-Dinitrotoluene	9.9	U H	99	9.9	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
3,5-Dinitrotoluene	21	U H	99	21	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
3-Nitrotoluene	13	U H	99	13	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
4-Amino-2,6-dinitrotoluene	5.0	U H	99	5.0	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
4-Nitrotoluene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
HMX	5.8	U H	99	5.8	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
Nitrobenzene	11	U H	99	11	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
Nitroglycerin	10	U H	99	10	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
PETN	5.1	U H	99	5.1	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
RDX	4.3	U H	99	4.3	ug/Kg		12/12/16 12:35	12/16/16 00:29	1
Tetryl	7.5	U H	99	7.5	ug/Kg		12/12/16 12:35	12/16/16 00:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	103		68 - 140	12/12/16 12:35	12/16/16 00:29	1

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161011-094C (7)

Lab Sample ID: 280-90309-16

Date Collected: 10/11/16 15:38

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,2-Dimethyl-3,5-Dinitrobenzene	21	U H	160	21	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,2-Dimethyl-3,6-Dinitrobenzene	23	U H	160	23	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,2-Dimethyl-4,5-Dinitrobenzene	21	U H	160	21	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	160	15	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,4-Dimethyl-2,3-Dinitrobenzene	25	U H	160	25	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,4-Dimethyl-2,5-Dinitrobenzene	12	U H	160	12	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,5-Dimethyl-2,3-Dinitrobenzene	25	U H	160	25	ug/Kg		10/31/16 21:32	12/16/16 00:14	1
1,5-Dimethyl-2,4-Dinitrobenzene	21	U H	160	21	ug/Kg		10/31/16 21:32	12/16/16 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		24 - 135	10/31/16 21:32	12/16/16 00:14	1
2-Fluorobiphenyl	80		33 - 135	10/31/16 21:32	12/16/16 00:14	1
2-Fluorophenol	91		39 - 135	10/31/16 21:32	12/16/16 00:14	1
Nitrobenzene-d5	78		32 - 135	10/31/16 21:32	12/16/16 00:14	1
Phenol-d5	91		39 - 135	10/31/16 21:32	12/16/16 00:14	1
Terphenyl-d14	88		30 - 135	10/31/16 21:32	12/16/16 00:14	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	40	J H	95	12	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
1,3-Dinitrobenzene	6.8	U H	95	6.8	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
2,3-Dinitrotoluene	5.7	U H	95	5.7	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
2,4,6-Trinitro-3-xylene	3.9	U H	95	3.9	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
2,4,6-Trinitrotoluene	550	H B	95	4.8	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
2,4-Dinitrotoluene	7.8	U H	95	7.8	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
2,5-Dinitrotoluene	10	U H	95	10	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
2,6-Dinitrotoluene	19	U H	95	19	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
2-Amino-4,6-dinitrotoluene	11	U H	95	11	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
2-Nitrotoluene	5.5	U H	95	5.5	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
3,4-Dinitrotoluene	9.5	U H	95	9.5	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
3,5-Dinitrotoluene	20	U H	95	20	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
3-Nitrotoluene	12	U H	95	12	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
4-Amino-2,6-dinitrotoluene	15	J H	95	4.8	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
4-Nitrotoluene	10	U H	95	10	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
HMX	5.5	U H	95	5.5	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
Nitrobenzene	10	U H	95	10	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
Nitroglycerin	10	U H	95	10	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
PETN	4.9	U H	95	4.9	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
RDX	4.1	U H	95	4.1	ug/Kg		12/12/16 12:35	12/16/16 02:06	1
Tetryl	7.2	U H	95	7.2	ug/Kg		12/12/16 12:35	12/16/16 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	101		68 - 140	12/12/16 12:35	12/16/16 02:06	1

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161008-083X (0-7)

Lab Sample ID: 280-90309-17

Date Collected: 10/08/16 11:50

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	28	U H	160	28	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,2-Dimethyl-3,5-Dinitrobenzene	23	U H	160	23	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,2-Dimethyl-3,6-Dinitrobenzene	25	U H	160	25	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,2-Dimethyl-4,5-Dinitrobenzene	23	U H	160	23	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,4-Dimethyl-2,3-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	160	13	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U H	160	18	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,5-Dimethyl-2,3-Dinitrobenzene	27	U H	160	27	ug/Kg		10/31/16 21:32	12/16/16 00:38	1
1,5-Dimethyl-2,4-Dinitrobenzene	23	U H	160	23	ug/Kg		10/31/16 21:32	12/16/16 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		24 - 135	10/31/16 21:32	12/16/16 00:38	1
2-Fluorobiphenyl	74		33 - 135	10/31/16 21:32	12/16/16 00:38	1
2-Fluorophenol	81		39 - 135	10/31/16 21:32	12/16/16 00:38	1
Nitrobenzene-d5	69		32 - 135	10/31/16 21:32	12/16/16 00:38	1
Phenol-d5	81		39 - 135	10/31/16 21:32	12/16/16 00:38	1
Terphenyl-d14	88		30 - 135	10/31/16 21:32	12/16/16 00:38	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	14	J H	95	12	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
1,3-Dinitrobenzene	6.8	U H	95	6.8	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
2,3-Dinitrotoluene	5.7	U H	95	5.7	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
2,4,6-Trinitro-3-xylene	3.9	U H	95	3.9	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
2,4-Dinitrotoluene	7.8	U H	95	7.8	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
2,5-Dinitrotoluene	10	U H	95	10	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
2,6-Dinitrotoluene	19	U H	95	19	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
2-Amino-4,6-dinitrotoluene	20	J H	95	11	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
2-Nitrotoluene	5.5	U H	95	5.5	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
3,4-Dinitrotoluene	9.5	U H	95	9.5	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
3,5-Dinitrotoluene	20	U H	95	20	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
3-Nitrotoluene	12	U H	95	12	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
4-Amino-2,6-dinitrotoluene	24	J H	95	4.9	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
4-Nitrotoluene	10	U H	95	10	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
HMX	5.6	U H	95	5.6	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
Nitrobenzene	10	U H	95	10	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
Nitroglycerin	10	U H	95	10	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
PETN	4.9	U H	95	4.9	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
RDX	4.1	U H	95	4.1	ug/Kg		12/12/16 12:35	12/16/16 02:38	1
Tetryl	7.2	U H	95	7.2	ug/Kg		12/12/16 12:35	12/16/16 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	108		68 - 140	12/12/16 12:35	12/16/16 02:38	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	4600	H B	950	48	ug/Kg		12/12/16 12:35	12/16/16 22:00	10

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161008-083X (0-7)

Date Collected: 10/08/16 11:50

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90309-17

Matrix: Solid

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	102	D	68 - 140	12/12/16 12:35	12/16/16 22:00	10

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161008-088C (6-6.5)

Lab Sample ID: 280-90309-18

Date Collected: 10/08/16 12:12

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	26	U H	160	26	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	160	24	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	160	16	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	160	15	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,4-Dimethyl-2,3-Dinitrobenzene	25	U H	160	25	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,4-Dimethyl-2,5-Dinitrobenzene	12	U H	160	12	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	160	17	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,5-Dimethyl-2,3-Dinitrobenzene	25	U H	160	25	ug/Kg		10/31/16 21:32	12/16/16 01:02	1
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	160	22	ug/Kg		10/31/16 21:32	12/16/16 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		24 - 135	10/31/16 21:32	12/16/16 01:02	1
2-Fluorobiphenyl	84		33 - 135	10/31/16 21:32	12/16/16 01:02	1
2-Fluorophenol	91		39 - 135	10/31/16 21:32	12/16/16 01:02	1
Nitrobenzene-d5	82		32 - 135	10/31/16 21:32	12/16/16 01:02	1
Phenol-d5	94		39 - 135	10/31/16 21:32	12/16/16 01:02	1
Terphenyl-d14	95		30 - 135	10/31/16 21:32	12/16/16 01:02	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	13	U H	100	13	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
1,3-Dinitrobenzene	7.1	U H	100	7.1	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
2,3-Dinitrotoluene	6.0	U H	100	6.0	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
2,4,6-Trinitro-3-xylene	4.1	U H	100	4.1	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
2,4,6-Trinitrotoluene	110	H B	100	5.0	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
2,4-Dinitrotoluene	20	J H	100	8.1	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
2,5-Dinitrotoluene	11	U H	100	11	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
2,6-Dinitrotoluene	20	U H	100	20	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
2-Amino-4,6-dinitrotoluene	34	J H	100	12	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
2-Nitrotoluene	5.7	U H	100	5.7	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
3,4-Dinitrotoluene	10	U H	100	10	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
3,5-Dinitrotoluene	21	U H	100	21	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
3-Nitrotoluene	13	U H	100	13	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
4-Amino-2,6-dinitrotoluene	55	J H	100	5.1	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
4-Nitrotoluene	11	U H	100	11	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
HMX	5.8	U H	100	5.8	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
Nitrobenzene	11	U H	100	11	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
Nitroglycerin	10	U H	100	10	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
PETN	5.1	U H	100	5.1	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
RDX	4.3	U H	100	4.3	ug/Kg		12/12/16 12:35	12/16/16 03:10	1
Tetryl	7.6	U H	100	7.6	ug/Kg		12/12/16 12:35	12/16/16 03:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	97		68 - 140	12/12/16 12:35	12/16/16 03:10	1

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161011-093W (4-4.5)

Lab Sample ID: 280-90309-19

Date Collected: 10/11/16 15:20

Matrix: Solid

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	25	U H	150	25	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,2-Dimethyl-3,5-Dinitrobenzene	21	U H	150	21	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,2-Dimethyl-3,6-Dinitrobenzene	23	U H	150	23	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,2-Dimethyl-4,5-Dinitrobenzene	21	U H	150	21	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,3-Dimethyl-2,4-Dinitrobenzene	15	U H	150	15	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	150	15	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,4-Dimethyl-2,3-Dinitrobenzene	25	U H	150	25	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,4-Dimethyl-2,5-Dinitrobenzene	12	U H	150	12	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,4-Dimethyl-2,6-Dinitrobenzene	16	U H	150	16	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,5-Dimethyl-2,3-Dinitrobenzene	25	U H	150	25	ug/Kg		10/31/16 21:32	12/16/16 01:26	1
1,5-Dimethyl-2,4-Dinitrobenzene	21	U H	150	21	ug/Kg		10/31/16 21:32	12/16/16 01:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		24 - 135	10/31/16 21:32	12/16/16 01:26	1
2-Fluorobiphenyl	80		33 - 135	10/31/16 21:32	12/16/16 01:26	1
2-Fluorophenol	86		39 - 135	10/31/16 21:32	12/16/16 01:26	1
Nitrobenzene-d5	77		32 - 135	10/31/16 21:32	12/16/16 01:26	1
Phenol-d5	87		39 - 135	10/31/16 21:32	12/16/16 01:26	1
Terphenyl-d14	92		30 - 135	10/31/16 21:32	12/16/16 01:26	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	21	J H	98	12	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
1,3-Dinitrobenzene	7.0	U H	98	7.0	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
2,3-Dinitrotoluene	5.9	U H	98	5.9	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
2,4,6-Trinitro-3-xylene	4.0	U H	98	4.0	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
2,4,6-Trinitrotoluene	420	H B	98	4.9	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
2,4-Dinitrotoluene	8.0	U H	98	8.0	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
2,5-Dinitrotoluene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
2,6-Dinitrotoluene	20	U H	98	20	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
2-Amino-4,6-dinitrotoluene	20	J H	98	12	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
2-Nitrotoluene	5.6	U H	98	5.6	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
3,4-Dinitrotoluene	9.8	U H	98	9.8	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
3,5-Dinitrotoluene	21	U H	98	21	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
3-Nitrotoluene	13	U H	98	13	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
4-Amino-2,6-dinitrotoluene	43	J H	98	5.0	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
4-Nitrotoluene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
HMX	5.7	U H	98	5.7	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
Nitrobenzene	11	U H	98	11	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
Nitroglycerin	10	U H	98	10	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
PETN	5.1	U H	98	5.1	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
RDX	4.2	U H	98	4.2	ug/Kg		12/12/16 12:35	12/16/16 03:43	1
Tetryl	7.4	U H	98	7.4	ug/Kg		12/12/16 12:35	12/16/16 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	108		68 - 140	12/12/16 12:35	12/16/16 03:43	1

TestAmerica Denver

Surrogate Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (24-135)	FBP (33-135)	2FP (39-135)	NBZ (32-135)	PHL (39-135)	TPH (30-135)
280-90309-1	SITG-160909-019X (1.0-3.5)	80	75	76	67	79	84
280-90309-2	SITG-160923-036C (2-2.5)	96	83	84	76	85	93
280-90309-3	SITG-161005-069X (0-0.5)	86	82	76	66	83	88
280-90309-4	SITG-160923-036X (0-2.5)	91	80	85	76	87	97
280-90309-5	SITG-160911-017X (1-3.5)	81	72	79	69	81	82
280-90309-6	SITG-160929-045X (0-2)	84	83	85	75	87	93
280-90309-7	SITG-161005-068X (0-0.5)	86	84	89	76	93	93
280-90309-8	SITG-161005-73E (3.5-4.5)	83	83	88	75	89	91
280-90309-9	SITG-160912-010X (1-3.5)	87	86	84	77	89	90
280-90309-10	SITG-160914-024S (2-3.5)	113	108	108	94	113	120
280-90309-11	SITG-161004-055XDUP (0-4.5)	81	83	89	80	94	94
280-90309-12	SITG-161004-055X (0-4.5)	81	84	90	81	94	93
280-90309-13	SITG-160915-030T (0-1)	79	80	85	73	88	90
280-90309-14	SITG-161005-070X (0-5)	81	81	92	78	93	91
280-90309-15	SITG-161004-058C (0-4.5)	73	82	86	79	89	90
280-90309-15 MS	SITG-161004-058C (0-4.5)	86	80	87	76	89	94
280-90309-15 MSD	SITG-161004-058C (0-4.5)	85	85	90	80	92	95
280-90309-16	SITG-161011-094C (7)	85	80	91	78	91	88
280-90309-17	SITG-161008-083X (0-7)	81	74	81	69	81	88
280-90309-18	SITG-161008-088C (6-6.5)	91	84	91	82	94	95
280-90309-19	SITG-161011-093W (4-4.5)	78	80	86	77	87	92
LCS 280-349079/2-A	Lab Control Sample	74	82	75	74	78	90
MB 280-349079/1-A	Method Blank	65	82	78	75	81	90

Surrogate Legend

- TBP = 2,4,6-Tribromophenol
- FBP = 2-Fluorobiphenyl
- 2FP = 2-Fluorophenol
- NBZ = Nitrobenzene-d5
- PHL = Phenol-d5
- TPH = Terphenyl-d14

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		NBZ (68-140)
280-90309-1	SITG-160909-019X (1.0-3.5)	93
280-90309-1 - DL	SITG-160909-019X (1.0-3.5)	0 D X
280-90309-1 - DL2	SITG-160909-019X (1.0-3.5)	0 D X
280-90309-2	SITG-160923-036C (2-2.5)	98
280-90309-2 - DL	SITG-160923-036C (2-2.5)	102 D
280-90309-3	SITG-161005-069X (0-0.5)	103
280-90309-3 - DL	SITG-161005-069X (0-0.5)	119 D
280-90309-4	SITG-160923-036X (0-2.5)	107
280-90309-4 - DL	SITG-160923-036X (0-2.5)	97 D
280-90309-5	SITG-160911-017X (1-3.5)	98
280-90309-5 - DL	SITG-160911-017X (1-3.5)	91 D

TestAmerica Denver

Surrogate Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	NBZ (68-140)
280-90309-6	SITG-160929-045X (0-2)	105
280-90309-6 - DL	SITG-160929-045X (0-2)	105 D
280-90309-7	SITG-161005-068X (0-0.5)	93
280-90309-7 - DL	SITG-161005-068X (0-0.5)	106 D
280-90309-8	SITG-161005-73E (3.5-4.5)	94
280-90309-9	SITG-160912-010X (1-3.5)	97
280-90309-9 - DL	SITG-160912-010X (1-3.5)	0 D X
280-90309-10	SITG-160914-024S (2-3.5)	100
280-90309-10 - DL	SITG-160914-024S (2-3.5)	117 D
280-90309-11	SITG-161004-055XDUP (0-4.5)	97
280-90309-12	SITG-161004-055X (0-4.5)	95
280-90309-13	SITG-160915-030T (0-1)	100
280-90309-13 - DL	SITG-160915-030T (0-1)	98 D
280-90309-14	SITG-161005-070X (0-5)	97
280-90309-15	SITG-161004-058C (0-4.5)	103
280-90309-15 MS	SITG-161004-058C (0-4.5)	99
280-90309-15 MSD	SITG-161004-058C (0-4.5)	105
280-90309-16	SITG-161011-094C (7)	101
280-90309-17	SITG-161008-083X (0-7)	108
280-90309-17 - DL	SITG-161008-083X (0-7)	102 D
280-90309-18	SITG-161008-088C (6-6.5)	97
280-90309-19	SITG-161011-093W (4-4.5)	108
LCS 280-355184/2-A	Lab Control Sample	99
MB 280-355184/1-A	Method Blank	98

Surrogate Legend

NBZ = Nitrobenzene-d5

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 280-349079/1-A

Matrix: Solid

Analysis Batch: 355825

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 349079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	28	U	170	28	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,2-Dimethyl-3,5-Dinitrobenzene	23	U	170	23	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,2-Dimethyl-3,6-Dinitrobenzene	25	U	170	25	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,2-Dimethyl-4,5-Dinitrobenzene	23	U	170	23	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,3-Dimethyl-2,4-Dinitrobenzene	17	U	170	17	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,3-Dimethyl-2,5-Dinitrobenzene	16	U	170	16	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,4-Dimethyl-2,3-Dinitrobenzene	27	U	170	27	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,4-Dimethyl-2,5-Dinitrobenzene	13	U	170	13	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,4-Dimethyl-2,6-Dinitrobenzene	18	U	170	18	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,5-Dimethyl-2,3-Dinitrobenzene	27	U	170	27	ug/Kg		10/31/16 21:32	12/15/16 16:15	1
1,5-Dimethyl-2,4-Dinitrobenzene	23	U	170	23	ug/Kg		10/31/16 21:32	12/15/16 16:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		24 - 135	10/31/16 21:32	12/15/16 16:15	1
2-Fluorobiphenyl	82		33 - 135	10/31/16 21:32	12/15/16 16:15	1
2-Fluorophenol	78		39 - 135	10/31/16 21:32	12/15/16 16:15	1
Nitrobenzene-d5	75		32 - 135	10/31/16 21:32	12/15/16 16:15	1
Phenol-d5	81		39 - 135	10/31/16 21:32	12/15/16 16:15	1
Terphenyl-d14	90		30 - 135	10/31/16 21:32	12/15/16 16:15	1

Lab Sample ID: LCS 280-349079/2-A

Matrix: Solid

Analysis Batch: 355825

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 349079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2-Dimethyl-3,4-Dinitrobenzene	1670	1680		ug/Kg		101	50 - 135
1,2-Dimethyl-3,5-Dinitrobenzene	1710	1750		ug/Kg		102	50 - 135
1,2-Dimethyl-3,6-Dinitrobenzene	1670	1820		ug/Kg		109	50 - 135
1,2-Dimethyl-4,5-Dinitrobenzene	1670	1720		ug/Kg		103	50 - 135
1,3-Dimethyl-2,4-Dinitrobenzene	1670	1850		ug/Kg		111	50 - 135
1,3-Dimethyl-2,5-Dinitrobenzene	1670	1730		ug/Kg		104	50 - 135
1,4-Dimethyl-2,3-Dinitrobenzene	1670	1910		ug/Kg		114	50 - 135
1,4-Dimethyl-2,5-Dinitrobenzene	1670	1640		ug/Kg		99	50 - 135
1,4-Dimethyl-2,6-Dinitrobenzene	1670	1650		ug/Kg		99	50 - 135
1,5-Dimethyl-2,3-Dinitrobenzene	1670	1710		ug/Kg		102	50 - 135
1,5-Dimethyl-2,4-Dinitrobenzene	1670	1750		ug/Kg		105	50 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	74		24 - 135
2-Fluorobiphenyl	82		33 - 135
2-Fluorophenol	75		39 - 135
Nitrobenzene-d5	74		32 - 135
Phenol-d5	78		39 - 135
Terphenyl-d14	90		30 - 135

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-90309-15 MS

Matrix: Solid

Analysis Batch: 355825

Client Sample ID: SITG-161004-058C (0-4.5)

Prep Type: Total/NA

Prep Batch: 349079

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	1660	1740	H	ug/Kg		105	50 - 135
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	1700	1850	H	ug/Kg		109	50 - 135
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	1660	1790	H	ug/Kg		108	50 - 135
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	1660	1750	H	ug/Kg		106	50 - 135
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	1660	1930	H	ug/Kg		117	50 - 135
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	1660	1810	H	ug/Kg		109	50 - 135
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	1660	1930	H	ug/Kg		117	50 - 135
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	1660	1590	H	ug/Kg		96	50 - 135
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	1660	1650	H	ug/Kg		100	50 - 135
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	1660	1750	H	ug/Kg		106	50 - 135
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	1660	1650	H	ug/Kg		100	50 - 135

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	86		24 - 135
2-Fluorobiphenyl	80		33 - 135
2-Fluorophenol	87		39 - 135
Nitrobenzene-d5	76		32 - 135
Phenol-d5	89		39 - 135
Terphenyl-d14	94		30 - 135

Lab Sample ID: 280-90309-15 MSD

Matrix: Solid

Analysis Batch: 355825

Client Sample ID: SITG-161004-058C (0-4.5)

Prep Type: Total/NA

Prep Batch: 349079

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	Limits	RPD	
	Result	Qualifier		Result	Qualifier					RPD	Limit
1,2-Dimethyl-3,4-Dinitrobenzene	27	U H	1590	1680	H	ug/Kg		106	50 - 135	4	30
1,2-Dimethyl-3,5-Dinitrobenzene	22	U H	1630	1790	H	ug/Kg		110	50 - 135	3	30
1,2-Dimethyl-3,6-Dinitrobenzene	24	U H	1590	1690	H	ug/Kg		107	50 - 135	6	30
1,2-Dimethyl-4,5-Dinitrobenzene	22	U H	1590	1740	H	ug/Kg		109	50 - 135	1	30
1,3-Dimethyl-2,4-Dinitrobenzene	16	U H	1590	1860	H	ug/Kg		117	50 - 135	4	30
1,3-Dimethyl-2,5-Dinitrobenzene	15	U H	1590	1700	H	ug/Kg		107	50 - 135	6	30
1,4-Dimethyl-2,3-Dinitrobenzene	26	U H	1590	1810	H	ug/Kg		114	50 - 135	6	30
1,4-Dimethyl-2,5-Dinitrobenzene	13	U H	1590	1530	H	ug/Kg		96	50 - 135	4	30
1,4-Dimethyl-2,6-Dinitrobenzene	17	U H	1590	1590	H	ug/Kg		100	50 - 135	4	30
1,5-Dimethyl-2,3-Dinitrobenzene	26	U H	1590	1730	H	ug/Kg		109	50 - 135	2	30
1,5-Dimethyl-2,4-Dinitrobenzene	22	U H	1590	1630	H	ug/Kg		103	50 - 135	1	30

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	85		24 - 135
2-Fluorobiphenyl	85		33 - 135
2-Fluorophenol	90		39 - 135
Nitrobenzene-d5	80		32 - 135
Phenol-d5	92		39 - 135
Terphenyl-d14	95		30 - 135

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Lab Sample ID: MB 280-355184/1-A
Matrix: Solid
Analysis Batch: 355909

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 355184

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	13	U	100	13	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
1,3-Dinitrobenzene	7.1	U	100	7.1	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
2,3-Dinitrotoluene	6.0	U	100	6.0	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
2,4,6-Trinitro-3-xylene	4.1	U	100	4.1	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
2,4,6-Trinitrotoluene	5.87	J	100	5.0	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
2,4-Dinitrotoluene	8.2	U	100	8.2	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
2,5-Dinitrotoluene	11	U	100	11	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
2,6-Dinitrotoluene	20	U	100	20	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
2-Amino-4,6-dinitrotoluene	12	U	100	12	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
2-Nitrotoluene	5.7	U	100	5.7	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
3,4-Dinitrotoluene	10	U	100	10	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
3,5-Dinitrotoluene	21	U	100	21	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
3-Nitrotoluene	13	U	100	13	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
4-Amino-2,6-dinitrotoluene	5.1	U	100	5.1	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
4-Nitrotoluene	11	U	100	11	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
HMX	5.8	U	100	5.8	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
Nitrobenzene	11	U	100	11	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
Nitroglycerin	11	U	100	11	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
PETN	5.2	U	100	5.2	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
RDX	4.3	U	100	4.3	ug/Kg		12/12/16 12:35	12/15/16 14:48	1
Tetryl	7.6	U	100	7.6	ug/Kg		12/12/16 12:35	12/15/16 14:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	98		68 - 140	12/12/16 12:35	12/15/16 14:48	1

Lab Sample ID: LCS 280-355184/2-A
Matrix: Solid
Analysis Batch: 355909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 355184

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,3,5-Trinitrobenzene	400	389		ug/Kg		97	45 - 142
1,3-Dinitrobenzene	400	413		ug/Kg		103	74 - 130
2,3-Dinitrotoluene	411	429		ug/Kg		104	50 - 150
2,4,6-Trinitro-3-xylene	409	424		ug/Kg		104	50 - 150
2,4,6-Trinitrotoluene	400	433		ug/Kg		108	60 - 135
2,4-Dinitrotoluene	400	379		ug/Kg		95	63 - 130
2,5-Dinitrotoluene	410	427		ug/Kg		104	50 - 150
2,6-Dinitrotoluene	400	353		ug/Kg		88	65 - 133
2-Amino-4,6-dinitrotoluene	400	372		ug/Kg		93	51 - 148
2-Nitrotoluene	400	384		ug/Kg		96	59 - 150
3,4-Dinitrotoluene	410	419		ug/Kg		102	50 - 150
3,5-Dinitrotoluene	409	349		ug/Kg		85	50 - 150
3-Nitrotoluene	400	386		ug/Kg		96	56 - 154
4-Amino-2,6-dinitrotoluene	400	380		ug/Kg		95	60 - 141
4-Nitrotoluene	400	444		ug/Kg		111	72 - 145
HMX	400	366		ug/Kg		92	48 - 131
Nitrobenzene	400	382		ug/Kg		95	70 - 140
Nitroglycerin	400	375		ug/Kg		94	27 - 146

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) (Continued)

Lab Sample ID: LCS 280-355184/2-A
Matrix: Solid
Analysis Batch: 355909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 355184

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PETN	400	384		ug/Kg		96	31 - 171
RDX	400	376		ug/Kg		94	69 - 130
Tetryl	400	486		ug/Kg		122	10 - 170

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	99		68 - 140

Lab Sample ID: 280-90309-15 MS
Matrix: Solid
Analysis Batch: 355909

Client Sample ID: SITG-161004-058C (0-4.5)
Prep Type: Total/NA
Prep Batch: 355184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1,3,5-Trinitrobenzene	12	U H	393	380	H	ug/Kg		97	45 - 142
1,3-Dinitrobenzene	7.0	U H	393	448	H	ug/Kg		114	74 - 130
2,3-Dinitrotoluene	5.9	U H	404	475	H	ug/Kg		118	50 - 150
2,4,6-Trinitro-3-xylene	4.1	U H	402	439	H	ug/Kg		109	50 - 150
2,4,6-Trinitrotoluene	90	J H B	393	542	H	ug/Kg		115	60 - 135
2,4-Dinitrotoluene	82	J H	393	501	H	ug/Kg		107	63 - 130
2,5-Dinitrotoluene	11	U H	403	473	H	ug/Kg		118	50 - 150
2,6-Dinitrotoluene	20	U H	393	342	H	ug/Kg		87	65 - 133
2-Amino-4,6-dinitrotoluene	12	U H	393	370	H	ug/Kg		94	51 - 148
2-Nitrotoluene	5.7	U H	393	399	H	ug/Kg		101	59 - 150
3,4-Dinitrotoluene	9.9	U H	403	439	H	ug/Kg		109	50 - 150
3,5-Dinitrotoluene	21	U H	402	428	H	ug/Kg		106	50 - 150
3-Nitrotoluene	13	U H	393	387	H	ug/Kg		98	56 - 154
4-Amino-2,6-dinitrotoluene	5.0	U H	393	377	H	ug/Kg		96	60 - 141
4-Nitrotoluene	11	U H	393	418	H	ug/Kg		106	72 - 145
HMX	5.8	U H	393	327	H	ug/Kg		83	48 - 131
Nitrobenzene	11	U H	393	386	H	ug/Kg		98	70 - 140
Nitroglycerin	10	U H	393	432	H	ug/Kg		110	27 - 146
PETN	5.1	U H	393	465	H	ug/Kg		118	31 - 171
RDX	4.3	U H	393	379	H	ug/Kg		96	69 - 130
Tetryl	7.5	U H	393	514	H	ug/Kg		131	10 - 170

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5	99		68 - 140

Lab Sample ID: 280-90309-15 MSD
Matrix: Solid
Analysis Batch: 355909

Client Sample ID: SITG-161004-058C (0-4.5)
Prep Type: Total/NA
Prep Batch: 355184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,3,5-Trinitrobenzene	12	U H	390	378	H	ug/Kg		97	45 - 142	1	70
1,3-Dinitrobenzene	7.0	U H	390	419	H	ug/Kg		107	74 - 130	7	25
2,3-Dinitrotoluene	5.9	U H	401	496	H	ug/Kg		124	50 - 150	4	30
2,4,6-Trinitro-3-xylene	4.1	U H	399	458	H	ug/Kg		115	50 - 150	4	30
2,4,6-Trinitrotoluene	90	J H B	390	553	H	ug/Kg		119	60 - 135	2	25
2,4-Dinitrotoluene	82	J H	390	470	H	ug/Kg		99	63 - 130	7	25

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) (Continued)

Lab Sample ID: 280-90309-15 MSD

Client Sample ID: SITG-161004-058C (0-4.5)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 355909

Prep Batch: 355184

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
2,5-Dinitrotoluene	11	U H	400	494	H	ug/Kg		124	50 - 150	4	30
2,6-Dinitrotoluene	20	U H	390	285	H	ug/Kg		73	65 - 133	18	25
2-Amino-4,6-dinitrotoluene	12	U H	390	372	H	ug/Kg		95	51 - 148	1	25
2-Nitrotoluene	5.7	U H	390	409	H	ug/Kg		105	59 - 150	3	45
3,4-Dinitrotoluene	9.9	U H	400	452	H	ug/Kg		113	50 - 150	3	30
3,5-Dinitrotoluene	21	U H	399	457	H	ug/Kg		114	50 - 150	6	30
3-Nitrotoluene	13	U H	390	397	H	ug/Kg		102	56 - 154	3	25
4-Amino-2,6-dinitrotoluene	5.0	U H	390	394	H	ug/Kg		101	60 - 141	4	48
4-Nitrotoluene	11	U H	390	422	H	ug/Kg		108	72 - 145	1	25
HMX	5.8	U H	390	399	H	ug/Kg		102	48 - 131	20	25
Nitrobenzene	11	U H	390	374	H	ug/Kg		96	70 - 140	3	25
Nitroglycerin	10	U H	390	438	H	ug/Kg		112	27 - 146	1	92
PETN	5.1	U H	390	453	H	ug/Kg		116	31 - 171	3	40
RDX	4.3	U H	390	373	H	ug/Kg		96	69 - 130	2	25
Tetryl	7.5	U H	390	499	H	ug/Kg		128	10 - 170	3	50
Surrogate											
<i>Nitrobenzene-d5</i>											
		MSD	MSD								
		%Recovery	Qualifier	Limits							
		105		68 - 140							

QC Association Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

GC/MS Semi VOA

Prep Batch: 349079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90309-1	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	3550C	
280-90309-2	SITG-160923-036C (2-2.5)	Total/NA	Solid	3550C	
280-90309-3	SITG-161005-069X (0-0.5)	Total/NA	Solid	3550C	
280-90309-4	SITG-160923-036X (0-2.5)	Total/NA	Solid	3550C	
280-90309-5	SITG-160911-017X (1-3.5)	Total/NA	Solid	3550C	
280-90309-6	SITG-160929-045X (0-2)	Total/NA	Solid	3550C	
280-90309-7	SITG-161005-068X (0-0.5)	Total/NA	Solid	3550C	
280-90309-8	SITG-161005-73E (3.5-4.5)	Total/NA	Solid	3550C	
280-90309-9	SITG-160912-010X (1-3.5)	Total/NA	Solid	3550C	
280-90309-10	SITG-160914-024S (2-3.5)	Total/NA	Solid	3550C	
280-90309-11	SITG-161004-055XDUP (0-4.5)	Total/NA	Solid	3550C	
280-90309-12	SITG-161004-055X (0-4.5)	Total/NA	Solid	3550C	
280-90309-13	SITG-160915-030T (0-1)	Total/NA	Solid	3550C	
280-90309-14	SITG-161005-070X (0-5)	Total/NA	Solid	3550C	
280-90309-15	SITG-161004-058C (0-4.5)	Total/NA	Solid	3550C	
280-90309-16	SITG-161011-094C (7)	Total/NA	Solid	3550C	
280-90309-17	SITG-161008-083X (0-7)	Total/NA	Solid	3550C	
280-90309-18	SITG-161008-088C (6-6.5)	Total/NA	Solid	3550C	
280-90309-19	SITG-161011-093W (4-4.5)	Total/NA	Solid	3550C	
MB 280-349079/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 280-349079/2-A	Lab Control Sample	Total/NA	Solid	3550C	
280-90309-15 MS	SITG-161004-058C (0-4.5)	Total/NA	Solid	3550C	
280-90309-15 MSD	SITG-161004-058C (0-4.5)	Total/NA	Solid	3550C	

Analysis Batch: 355825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90309-1	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	8270C	349079
280-90309-2	SITG-160923-036C (2-2.5)	Total/NA	Solid	8270C	349079
280-90309-3	SITG-161005-069X (0-0.5)	Total/NA	Solid	8270C	349079
280-90309-4	SITG-160923-036X (0-2.5)	Total/NA	Solid	8270C	349079
280-90309-5	SITG-160911-017X (1-3.5)	Total/NA	Solid	8270C	349079
280-90309-6	SITG-160929-045X (0-2)	Total/NA	Solid	8270C	349079
280-90309-7	SITG-161005-068X (0-0.5)	Total/NA	Solid	8270C	349079
280-90309-8	SITG-161005-73E (3.5-4.5)	Total/NA	Solid	8270C	349079
280-90309-9	SITG-160912-010X (1-3.5)	Total/NA	Solid	8270C	349079
280-90309-10	SITG-160914-024S (2-3.5)	Total/NA	Solid	8270C	349079
280-90309-11	SITG-161004-055XDUP (0-4.5)	Total/NA	Solid	8270C	349079
280-90309-12	SITG-161004-055X (0-4.5)	Total/NA	Solid	8270C	349079
280-90309-13	SITG-160915-030T (0-1)	Total/NA	Solid	8270C	349079
280-90309-14	SITG-161005-070X (0-5)	Total/NA	Solid	8270C	349079
280-90309-15	SITG-161004-058C (0-4.5)	Total/NA	Solid	8270C	349079
280-90309-16	SITG-161011-094C (7)	Total/NA	Solid	8270C	349079
280-90309-17	SITG-161008-083X (0-7)	Total/NA	Solid	8270C	349079
280-90309-18	SITG-161008-088C (6-6.5)	Total/NA	Solid	8270C	349079
280-90309-19	SITG-161011-093W (4-4.5)	Total/NA	Solid	8270C	349079
MB 280-349079/1-A	Method Blank	Total/NA	Solid	8270C	349079
LCS 280-349079/2-A	Lab Control Sample	Total/NA	Solid	8270C	349079
280-90309-15 MS	SITG-161004-058C (0-4.5)	Total/NA	Solid	8270C	349079
280-90309-15 MSD	SITG-161004-058C (0-4.5)	Total/NA	Solid	8270C	349079

TestAmerica Denver

QC Association Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

LCMS

ISM Prep Batch: 354674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90309-1 - DL2	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	Increment, prep	
280-90309-1	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	Increment, prep	
280-90309-1 - DL	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	Increment, prep	
280-90309-2	SITG-160923-036C (2-2.5)	Total/NA	Solid	Increment, prep	
280-90309-2 - DL	SITG-160923-036C (2-2.5)	Total/NA	Solid	Increment, prep	
280-90309-3	SITG-161005-069X (0-0.5)	Total/NA	Solid	Increment, prep	
280-90309-3 - DL	SITG-161005-069X (0-0.5)	Total/NA	Solid	Increment, prep	
280-90309-4	SITG-160923-036X (0-2.5)	Total/NA	Solid	Increment, prep	
280-90309-4 - DL	SITG-160923-036X (0-2.5)	Total/NA	Solid	Increment, prep	
280-90309-5 - DL	SITG-160911-017X (1-3.5)	Total/NA	Solid	Increment, prep	
280-90309-5	SITG-160911-017X (1-3.5)	Total/NA	Solid	Increment, prep	
280-90309-6	SITG-160929-045X (0-2)	Total/NA	Solid	Increment, prep	
280-90309-6 - DL	SITG-160929-045X (0-2)	Total/NA	Solid	Increment, prep	
280-90309-7 - DL	SITG-161005-068X (0-0.5)	Total/NA	Solid	Increment, prep	
280-90309-7	SITG-161005-068X (0-0.5)	Total/NA	Solid	Increment, prep	
280-90309-8	SITG-161005-73E (3.5-4.5)	Total/NA	Solid	Increment, prep	
280-90309-9 - DL	SITG-160912-010X (1-3.5)	Total/NA	Solid	Increment, prep	
280-90309-9	SITG-160912-010X (1-3.5)	Total/NA	Solid	Increment, prep	
280-90309-10	SITG-160914-024S (2-3.5)	Total/NA	Solid	Increment, prep	
280-90309-10 - DL	SITG-160914-024S (2-3.5)	Total/NA	Solid	Increment, prep	
280-90309-11	SITG-161004-055XDUP (0-4.5)	Total/NA	Solid	Increment, prep	
280-90309-12	SITG-161004-055X (0-4.5)	Total/NA	Solid	Increment, prep	
280-90309-13 - DL	SITG-160915-030T (0-1)	Total/NA	Solid	Increment, prep	
280-90309-13	SITG-160915-030T (0-1)	Total/NA	Solid	Increment, prep	
280-90309-14	SITG-161005-070X (0-5)	Total/NA	Solid	Increment, prep	
280-90309-15	SITG-161004-058C (0-4.5)	Total/NA	Solid	Increment, prep	
280-90309-16	SITG-161011-094C (7)	Total/NA	Solid	Increment, prep	
280-90309-17 - DL	SITG-161008-083X (0-7)	Total/NA	Solid	Increment, prep	
280-90309-17	SITG-161008-083X (0-7)	Total/NA	Solid	Increment, prep	
280-90309-18	SITG-161008-088C (6-6.5)	Total/NA	Solid	Increment, prep	
280-90309-19	SITG-161011-093W (4-4.5)	Total/NA	Solid	Increment, prep	
280-90309-15 MS	SITG-161004-058C (0-4.5)	Total/NA	Solid	Increment, prep	
280-90309-15 MSD	SITG-161004-058C (0-4.5)	Total/NA	Solid	Increment, prep	

Prep Batch: 355184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90309-1 - DL2	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	8330B	354674
280-90309-1 - DL	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	8330B	354674
280-90309-1	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	8330B	354674
280-90309-2 - DL	SITG-160923-036C (2-2.5)	Total/NA	Solid	8330B	354674
280-90309-2	SITG-160923-036C (2-2.5)	Total/NA	Solid	8330B	354674
280-90309-3 - DL	SITG-161005-069X (0-0.5)	Total/NA	Solid	8330B	354674
280-90309-3	SITG-161005-069X (0-0.5)	Total/NA	Solid	8330B	354674
280-90309-4 - DL	SITG-160923-036X (0-2.5)	Total/NA	Solid	8330B	354674
280-90309-4	SITG-160923-036X (0-2.5)	Total/NA	Solid	8330B	354674
280-90309-5 - DL	SITG-160911-017X (1-3.5)	Total/NA	Solid	8330B	354674
280-90309-5	SITG-160911-017X (1-3.5)	Total/NA	Solid	8330B	354674
280-90309-6	SITG-160929-045X (0-2)	Total/NA	Solid	8330B	354674
280-90309-6 - DL	SITG-160929-045X (0-2)	Total/NA	Solid	8330B	354674
280-90309-7	SITG-161005-068X (0-0.5)	Total/NA	Solid	8330B	354674
280-90309-7 - DL	SITG-161005-068X (0-0.5)	Total/NA	Solid	8330B	354674

TestAmerica Denver

QC Association Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

LCMS (Continued)

Prep Batch: 355184 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90309-8	SITG-161005-73E (3.5-4.5)	Total/NA	Solid	8330B	354674
280-90309-9	SITG-160912-010X (1-3.5)	Total/NA	Solid	8330B	354674
280-90309-9 - DL	SITG-160912-010X (1-3.5)	Total/NA	Solid	8330B	354674
280-90309-10	SITG-160914-024S (2-3.5)	Total/NA	Solid	8330B	354674
280-90309-10 - DL	SITG-160914-024S (2-3.5)	Total/NA	Solid	8330B	354674
280-90309-11	SITG-161004-055XDUP (0-4.5)	Total/NA	Solid	8330B	354674
280-90309-12	SITG-161004-055X (0-4.5)	Total/NA	Solid	8330B	354674
280-90309-13	SITG-160915-030T (0-1)	Total/NA	Solid	8330B	354674
280-90309-13 - DL	SITG-160915-030T (0-1)	Total/NA	Solid	8330B	354674
280-90309-14	SITG-161005-070X (0-5)	Total/NA	Solid	8330B	354674
280-90309-15	SITG-161004-058C (0-4.5)	Total/NA	Solid	8330B	354674
280-90309-16	SITG-161011-094C (7)	Total/NA	Solid	8330B	354674
280-90309-17 - DL	SITG-161008-083X (0-7)	Total/NA	Solid	8330B	354674
280-90309-17	SITG-161008-083X (0-7)	Total/NA	Solid	8330B	354674
280-90309-18	SITG-161008-088C (6-6.5)	Total/NA	Solid	8330B	354674
280-90309-19	SITG-161011-093W (4-4.5)	Total/NA	Solid	8330B	354674
MB 280-355184/1-A	Method Blank	Total/NA	Solid	8330B	
LCS 280-355184/2-A	Lab Control Sample	Total/NA	Solid	8330B	
280-90309-15 MS	SITG-161004-058C (0-4.5)	Total/NA	Solid	8330B	354674
280-90309-15 MSD	SITG-161004-058C (0-4.5)	Total/NA	Solid	8330B	354674

Analysis Batch: 355909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90309-1	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	8321A	355184
280-90309-2	SITG-160923-036C (2-2.5)	Total/NA	Solid	8321A	355184
280-90309-3	SITG-161005-069X (0-0.5)	Total/NA	Solid	8321A	355184
280-90309-4	SITG-160923-036X (0-2.5)	Total/NA	Solid	8321A	355184
280-90309-5	SITG-160911-017X (1-3.5)	Total/NA	Solid	8321A	355184
280-90309-6	SITG-160929-045X (0-2)	Total/NA	Solid	8321A	355184
280-90309-7	SITG-161005-068X (0-0.5)	Total/NA	Solid	8321A	355184
280-90309-8	SITG-161005-73E (3.5-4.5)	Total/NA	Solid	8321A	355184
280-90309-9	SITG-160912-010X (1-3.5)	Total/NA	Solid	8321A	355184
280-90309-10	SITG-160914-024S (2-3.5)	Total/NA	Solid	8321A	355184
280-90309-11	SITG-161004-055XDUP (0-4.5)	Total/NA	Solid	8321A	355184
280-90309-12	SITG-161004-055X (0-4.5)	Total/NA	Solid	8321A	355184
280-90309-13	SITG-160915-030T (0-1)	Total/NA	Solid	8321A	355184
280-90309-14	SITG-161005-070X (0-5)	Total/NA	Solid	8321A	355184
280-90309-15	SITG-161004-058C (0-4.5)	Total/NA	Solid	8321A	355184
280-90309-16	SITG-161011-094C (7)	Total/NA	Solid	8321A	355184
280-90309-17	SITG-161008-083X (0-7)	Total/NA	Solid	8321A	355184
280-90309-18	SITG-161008-088C (6-6.5)	Total/NA	Solid	8321A	355184
280-90309-19	SITG-161011-093W (4-4.5)	Total/NA	Solid	8321A	355184
MB 280-355184/1-A	Method Blank	Total/NA	Solid	8321A	355184
LCS 280-355184/2-A	Lab Control Sample	Total/NA	Solid	8321A	355184
280-90309-15 MS	SITG-161004-058C (0-4.5)	Total/NA	Solid	8321A	355184
280-90309-15 MSD	SITG-161004-058C (0-4.5)	Total/NA	Solid	8321A	355184

Analysis Batch: 356086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90309-1 - DL	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	8321A	355184
280-90309-1 - DL2	SITG-160909-019X (1.0-3.5)	Total/NA	Solid	8321A	355184

TestAmerica Denver

QC Association Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

LCMS (Continued)

Analysis Batch: 356086 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90309-2 - DL	SITG-160923-036C (2-2.5)	Total/NA	Solid	8321A	355184
280-90309-3 - DL	SITG-161005-069X (0-0.5)	Total/NA	Solid	8321A	355184
280-90309-4 - DL	SITG-160923-036X (0-2.5)	Total/NA	Solid	8321A	355184
280-90309-5 - DL	SITG-160911-017X (1-3.5)	Total/NA	Solid	8321A	355184
280-90309-6 - DL	SITG-160929-045X (0-2)	Total/NA	Solid	8321A	355184
280-90309-7 - DL	SITG-161005-068X (0-0.5)	Total/NA	Solid	8321A	355184
280-90309-9 - DL	SITG-160912-010X (1-3.5)	Total/NA	Solid	8321A	355184
280-90309-10 - DL	SITG-160914-024S (2-3.5)	Total/NA	Solid	8321A	355184
280-90309-13 - DL	SITG-160915-030T (0-1)	Total/NA	Solid	8321A	355184
280-90309-17 - DL	SITG-161008-083X (0-7)	Total/NA	Solid	8321A	355184

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160909-019X (1.0-3.5)

Lab Sample ID: 280-90309-1

Date Collected: 09/09/16 16:00

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.5 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 17:27	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.42 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 15:53	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.42 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	500			356086	12/16/16 16:05	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL2				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL2		10.42 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL2	2000			356086	12/19/16 09:04	AGCM	TAL DEN

Client Sample ID: SITG-160923-036C (2-2.5)

Lab Sample ID: 280-90309-2

Date Collected: 09/23/16 11:11

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.6 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 17:51	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.16 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 16:25	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.16 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	20			356086	12/16/16 16:38	AGCM	TAL DEN

Client Sample ID: SITG-161005-069X (0-0.5)

Lab Sample ID: 280-90309-3

Date Collected: 10/05/16 08:32

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.7 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 18:15	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.25 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 16:57	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.25 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	50			356086	12/16/16 17:10	AGCM	TAL DEN

TestAmerica Denver

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160923-036X (0-2.5)

Lab Sample ID: 280-90309-4

Date Collected: 09/23/16 11:15

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.7 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 18:39	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.18 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 17:30	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.18 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	20			356086	12/16/16 17:42	AGCM	TAL DEN

Client Sample ID: SITG-160911-017X (1-3.5)

Lab Sample ID: 280-90309-5

Date Collected: 09/11/16 11:30

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.6 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 19:03	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.28 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 18:02	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.28 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	10			356086	12/16/16 18:14	AGCM	TAL DEN

Client Sample ID: SITG-160929-045X (0-2)

Lab Sample ID: 280-90309-6

Date Collected: 09/29/16 08:30

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.2 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 19:27	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.21 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 18:34	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.21 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	20			356086	12/16/16 18:46	AGCM	TAL DEN

Client Sample ID: SITG-161005-068X (0-0.5)

Lab Sample ID: 280-90309-7

Date Collected: 10/05/16 08:30

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 19:50	DCK	TAL DEN

TestAmerica Denver

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161005-068X (0-0.5)

Lab Sample ID: 280-90309-7

Date Collected: 10/05/16 08:30

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.31 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 19:39	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.31 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	10			356086	12/16/16 19:19	AGCM	TAL DEN

Client Sample ID: SITG-161005-73E (3.5-4.5)

Lab Sample ID: 280-90309-8

Date Collected: 10/05/16 16:00

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 20:14	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.28 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 20:11	AGCM	TAL DEN

Client Sample ID: SITG-160912-010X (1-3.5)

Lab Sample ID: 280-90309-9

Date Collected: 09/12/16 12:05

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.3 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 20:38	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.11 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 20:43	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.11 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	2000			356086	12/19/16 09:37	AGCM	TAL DEN

Client Sample ID: SITG-160914-024S (2-3.5)

Lab Sample ID: 280-90309-10

Date Collected: 09/14/16 17:24

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 21:02	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.36 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 21:15	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.36 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN

TestAmerica Denver

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-160914-024S (2-3.5)

Lab Sample ID: 280-90309-10

Date Collected: 09/14/16 17:24

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8321A	DL	20			356086	12/16/16 20:56	AGCM	TAL DEN

Client Sample ID: SITG-161004-055XDUP (0-4.5)

Lab Sample ID: 280-90309-11

Date Collected: 10/04/16 14:21

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.8 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 21:26	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.39 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 21:47	AGCM	TAL DEN

Client Sample ID: SITG-161004-055X (0-4.5)

Lab Sample ID: 280-90309-12

Date Collected: 10/04/16 14:21

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 21:50	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.19 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 22:20	AGCM	TAL DEN

Client Sample ID: SITG-160915-030T (0-1)

Lab Sample ID: 280-90309-13

Date Collected: 09/15/16 15:47

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.7 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 22:14	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.12 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 22:52	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.12 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	20			356086	12/16/16 21:28	AGCM	TAL DEN

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161005-070X (0-5)

Lab Sample ID: 280-90309-14

Date Collected: 10/05/16 15:15

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 22:38	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.10 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/15/16 23:24	AGCM	TAL DEN

Client Sample ID: SITG-161004-058C (0-4.5)

Lab Sample ID: 280-90309-15

Date Collected: 10/04/16 14:35

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.1 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/15/16 23:02	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.12 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/16/16 00:29	AGCM	TAL DEN

Client Sample ID: SITG-161011-094C (7)

Lab Sample ID: 280-90309-16

Date Collected: 10/11/16 15:38

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.3 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/16/16 00:14	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.53 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/16/16 02:06	AGCM	TAL DEN

Client Sample ID: SITG-161008-083X (0-7)

Lab Sample ID: 280-90309-17

Date Collected: 10/08/16 11:50

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.4 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/16/16 00:38	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.48 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/16/16 02:38	AGCM	TAL DEN
Total/NA	ISM Prep	Increment, prep	DL				354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B	DL		10.48 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A	DL	10			356086	12/16/16 22:00	AGCM	TAL DEN

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Client Sample ID: SITG-161008-088C (6-6.5)

Lab Sample ID: 280-90309-18

Date Collected: 10/08/16 12:12

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.8 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/16/16 01:02	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.05 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/16/16 03:10	AGCM	TAL DEN

Client Sample ID: SITG-161011-093W (4-4.5)

Lab Sample ID: 280-90309-19

Date Collected: 10/11/16 15:20

Matrix: Solid

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			33.0 g	1 mL	349079	10/31/16 21:32	CLH	TAL DEN
Total/NA	Analysis	8270C		1			355825	12/16/16 01:26	DCK	TAL DEN
Total/NA	ISM Prep	Increment, prep					354674	12/07/16 13:47	GLK	TAL DEN
Total/NA	Prep	8330B			10.19 g	40 mL	355184	12/12/16 12:35	GLK	TAL DEN
Total/NA	Analysis	8321A		1			355909	12/16/16 03:43	AGCM	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Certification Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Site Investigation 2016

TestAmerica Job ID: 280-90309-1

Laboratory: TestAmerica Denver

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999615430	08-31-17

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Chain of Custody Record

Client Information Client Contact: Ms. Sharon Nordstrom Company: URS Corporation Address: C/O Dupont Iron Hill Corporate Center, 4051 Ogletown Road, Su City: Newark State, Zip: DE, 19713 Phone: 302-781-5900(Tel) Email: Sharon.Nordstrom@URS Corp.com Project Name: BAR-Biopirot Leachate Samples 9/13 Site: <i>Barleschule</i>		Lab PII: Johnston, Michelle E-Mail: michelle.johnston@testamericainc.com Carrier Tracking No(s): COC No: Page: 4 of 4 Job #: 1 of 2	
Due Date Requested: TAT Requested (days): 15 Business Days PO #: LBIO-66421/9267-7720100C-WH06-507911 WO #: Project #: 28003388 SSGW#:		Analysis Requested Total 8321A + DNT + TNX Isomers (Yes or No) <input checked="" type="checkbox"/> X Total 8321A + DNT + TNX Isomers (Field Filtered) <input checked="" type="checkbox"/> X Dissolved 8321A + DNT + TNX Isomers (Field Filtered) <input checked="" type="checkbox"/> X Dissolved 8270C DNX (Field Filtered) <input checked="" type="checkbox"/> X	
Sample Identification SITG-160909-019X (1.0-3.5) SITG-160923-036C (2-2.5) SITG-161005-069X (0-0.5) SITG-160923-036X (0-2.5) SITG-160911-017X (1-3.5) SITG-160929-045X (0-2) SITG-161005-068X (0-0.5) SITG-161005-73E (3.5-4.5) SITG-160912-010X (1-3.5) SITG-160914-024S (2-3.5) SITG-161004-055X DUP (0-4.5)		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> X Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> X Total 8321A + DNT + TNX Isomers <input checked="" type="checkbox"/> X Total 8321A + DNT + TNX Isomers (Field Filtered) <input checked="" type="checkbox"/> X Dissolved 8321A + DNT + TNX Isomers (Field Filtered) <input checked="" type="checkbox"/> X Dissolved 8270C DNX (Field Filtered) <input checked="" type="checkbox"/> X Total Number of Containers:	
Sample Date: 9/19/16 Sample Time: 1600 Sample Type (C=Comp, G=grab): C Matrix (W=water, S=solid, D=digestate, BT=titrate, A=Aliq): S		Preservation Code: C Special Instructions/Note: 280-90309 Chain of Custody	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)			
Empty Kit Relinquished by: <i>Sharon Nordstrom</i> Date: 8/28/16 Relinquished by: <i>Paul Swiney</i> Date: 10/28/16 Relinquished by:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months Special Instructions/QC Requirements: <i>Note: Lab confirmation samples</i>	
Relinquished by: <i>Paul Swiney</i> Date: 10/28/16 Relinquished by:		Received by: <i>SE</i> Date/Time: 10-28-16 0850 Received by: Date/Time: Received by: Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: S.S. FLS C.O.O. trusted SAJ 10-28-16	



Chain of Custody Record

Client Information Client Contact: Ms. Sharon Nordstrom Company: URS Corporation Address: C/O Dupont Iron Hill Corporate Center, 4051 Oglethorpe Road, Su City: Newark State, Zip: DE, 19713 Phone: 302-781-5900 (Tel) Email: Sharon_Nordstrom@URSCorp.com Project Name: BAR-Bioplilot Leachate Samples 9/13 Site: Barksdale		Lab PM: Johnston, Michelle E-Mail: michelle.johnston@testamericainc.com Carrier Tracking Note(s): Job #: 2 of 2								
Due Date Requested: TAT Requested (days): 15 Business Days PO #: LBIO-664219267-7720100C-WH06-507911 WO #: 28003388 Project #: 28003388 SLOW#:		Analysis Requested Total 8270C DNX Dissolved 8321A + DNT + TNX Isomers (Field Filtered) Dissolved 8270C DNX (Field Filtered)								
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=soil, G=water, T=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total 8270C DNX	Dissolved 8321A + DNT + TNX Isomers (Field Filtered)	Dissolved 8270C DNX (Field Filtered)	Carrier Tracking Note(s)
SITG-161004-055X (0-4.5)	10/01/16	1421	C	S	X	X	X			
SITG-160915-030T (0-1)	9/15/16	1547	G	S	X	X	X			
SITG-161005-070X (0-5)	10/05/16	1515	C	S	X	X	X			
SITG-161004-058C (0-4.5)	10/04/16	1435	G	S	X	X	X			
SITG-161011-094C (7)	10/11/16	1538	G	S	X	X	X			
SITG-161008-083X (0-7)	10/08/16	1150	C	S	X	X	X			
SITG-161008-088C (6-6.5)	10/8/16	1212	G	S	X	X	X			
SITG-161011-093W (4-4.5)	10/11/16	1530	G	S	X	X	X			
SITG-					X	X	X			
SITG-					X	X	X			
SITG-					X	X	X			

Total Number of containers: ~~1~~

Special Instructions/Note: *+MS/MSD*

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For Months

Special Instructions/QC Requirements: *note: Lab Confirmation Samples*

Empty Kit Relinquished by: *Paul Sweeney* Date: *8/28/13*

Relinquished by: *Paul Sweeney* Date/Time: *10/28/16 1045* Company: *AECOM*

Relinquished by: Date/Time: Company:

Relinquished by: Date/Time: Company:

Custody Seals Intact: Yes No Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:



Login Sample Receipt Checklist

Client: Chemours Company FC, LLC The

Job Number: 280-90309-1

Login Number: 90309

List Number: 1

Creator: Woodworth, Sean P

List Source: TestAmerica Denver

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

TestAmerica Job ID: 280-90331-1
Client Project/Site: BAR-Barksdale

For:
Chemours Company FC, LLC The
c/o AECOM
Sabre Building, Suite 300
4051 Ogletown Road
Newark, Delaware 19713

Attn: Sharon Nordstrom



Authorized for release by:
11/25/2016 9:46:34 AM

Michelle Johnston, Project Manager II
(303)736-0110
michelle.johnston@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

LCMS

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Job ID: 280-90331-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: The Chemours Company FC, LLC

Project: BAR - Barksdale

Report Number: 280-90331-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Throughout this report the MDL is equivalent to the LOD and the RL is equivalent to the LOQ.

Sample Arrival and Receipt

The samples were received on 10/29/2016 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were 0.1° C, 1.0° C, 1.6° C, 2.4° C and 2.4° C.

Receipt Exceptions

The sample collection date on one of four 1L unpreserved amber glass bottles received for sample SW1016-SWK001 (280-90331-5) did not match the information on the chain of custody. The container label lists a collection date of 10/26/2016 while the chain of custody lists a collection date of 10/28/2016. The laboratory logged all sample containers for this sample per the information on the chain of custody. The client confirmed the laboratory logged correctly on 11/1/2016.

The chain of custody indicates two containers were submitted for sample SW1016-SWI001-Z (280-90331-7). However, three containers were received with this sample ID. On 11/1/2016 the client instructed the laboratory to choose one of the three containers and log as sample SW1016-SWI001-Z-DUP (280-90331-8) as no containers were received that were labeled with this sample ID. In accordance with the client's instruction provided on 11/2/2016, the requested analyses for sample SW1016-SWI001-Z-DUP (280-90331-8) were cancelled.

The sample ID on the container labels of the three 1L unpreserved amber glass bottles received for sample SW1016-SWK001-Z (280-90331-9) did not match the information on the chain of custody. In addition, the chain of custody indicates four containers were submitted for this sample, but only three were received at the laboratory. The container labels list sample ID SW1016-SWK001 with "K(F)" written on the lid of the container while the chain of custody lists SW1016-SWK001-Z. The client was notified on 11/1/2016 and instructed the laboratory to log the sample ID per the chain of custody and that the sample volume was confirmed to be field filtered as noted with the "K(F)" on the lids to differentiate this sample volume from non-field filtered volume logged with sample ID SW1016-SWK001 (280-90331-5).

Per instructions received from the client on 10/31/2016, two of four containers received for sample SW1016-SWB001 (280-90331-1) were logged as SW1016-SWB001-Z (280-90331-11) and are to be filtered before extraction for methods 8321A and 8270C.

Per instructions received from the client on 10/31/2016, two of four containers received for sample SW1016-SWF001 (280-90331-2) were logged as SW1016-SWF001-Z (280-90331-12) and are to be filtered before extraction for methods 8321A and 8270C.

Per instructions received from the client on 10/31/2016, the laboratory logged two 1L amber glass bottles of laboratory DI water as sample SW1016-LAB-EB-Z (280-90331-13) for 8321A and 8270C analyses and the sample volume will be filtered prior to analysis.

The laboratory received a 1L unpreserved amber glass bottle that was not labeled with a sample ID. The collection date/time on the container is 10/28/16 at 1110 which matches that of the field filtered and non-field filtered equipment blanks, SW1016-EB001 (280-90331-6) and SW1016-EB001-Z (280-90331-10). Per client instructions on 11/1/2016, as there is no way to tell if the discrepant sample volume was field filtered or non-field filtered, and sufficient properly labeled sample volume was received for both the field filtered

Case Narrative

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Job ID: 280-90331-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

and non-field filtered samples, the laboratory did not log the discrepant container for any analysis.

No other anomalies were observed during sample receipt.

Semivolatiles - Method 8270C DNX

Samples SW1016-SWB001 (280-90331-1), SW1016-SWF001 (280-90331-2), SW1016-SWI001 (280-90331-3), SW1016-SWI001-DUP (280-90331-4), SW1016-SWK001 (280-90331-5), SW1016-EB001 (280-90331-6), SW1016-SWI001-Z (280-90331-7), SW1016-SWK001-Z (280-90331-9), SW1016-EB001-Z (280-90331-10), SW1016-SWB001-Z (280-90331-11), SW1016-SWF001-Z (280-90331-12) and SW1016-LAB-EB-Z (280-90331-13) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 11/03/2016 and 11/04/2016 and analyzed on 11/16/2016 and 11/17/2016.

The following samples were batched, spiked, surrogated with the addition of solvent and acid to start the extraction process within holding time: SW1016-SWI001 (280-90331-3), SW1016-SWI001 (280-90331-3[MS]), SW1016-SWI001 (280-90331-3[MSD]), SW1016-SWI001-DUP (280-90331-4), SW1016-SWK001 (280-90331-5), SW1016-EB001 (280-90331-6), SW1016-SWI001-Z (280-90331-7), SW1016-SWK001-Z (280-90331-9) and SW1016-EB001-Z (280-90331-10). This is a deviation from the SOP as the samples went into half gallon TCLP jars instead of CLLEs.

A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows:

Per client request the following samples were filtered through 0.45uL filter prior to addition of surrogate and extraction: SW1016-SWB001-Z (280-90331-11), SW1016-SWF001-Z (280-90331-12) and SW1016-LAB-EB-Z (280-90331-13).

The method required MS/MSD could not be performed for prep batch 280-349720, due to insufficient sample volume. Method precision and accuracy have been verified by the acceptable LCS/LCSD analyses data.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Explosives - Method 8321A

Samples SW1016-SWB001 (280-90331-1), SW1016-SWF001 (280-90331-2), SW1016-SWI001 (280-90331-3), SW1016-SWI001-DUP (280-90331-4), SW1016-SWK001 (280-90331-5), SW1016-EB001 (280-90331-6), SW1016-SWI001-Z (280-90331-7), SW1016-SWK001-Z (280-90331-9), SW1016-EB001-Z (280-90331-10), SW1016-SWB001-Z (280-90331-11), SW1016-SWF001-Z (280-90331-12) and SW1016-LAB-EB-Z (280-90331-13) were analyzed for explosives in accordance with EPA SW-846 Method 8321A. The samples were prepared on 11/03/2016 and 11/04/2016 and analyzed on 11/08/2016 and 11/09/2016.

A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows:

Per client request the following samples were filtered through 0.45uL filter prior to addition of surrogate and extraction: SW1016-SWB001-Z (280-90331-11), SW1016-SWF001-Z (280-90331-12) and SW1016-LAB-EB-Z (280-90331-13).

During the solid phase extraction process, the following samples clogged the cartridge; therefore, the internal standard volume was adjusted to match the volume of the samples extracted: . As such, reporting limits (RLs) are not impacted.

The initial volume used for the following sample deviated from the standard procedure: SW1016-SWI001-Z (280-90331-7). The reporting limits (RLs) have been adjusted proportionately.

The old and new column for du Pont explosives are unable to separate 2,3-Dinitrotoluene and 2,5-Dinitrotoluene; therefore, these compounds will be reported as a co-elution. Results may be biased low if only one of these compounds is actually in the sample.

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to matrix interference with the HMX 13C4 and/or RDX 13C3 internal standards, samples SW1016-SWB001 (280-90331-1), SW1016-SWF001 (280-90331-2), SW1016-SWI001 (280-90331-3), SW1016-SWI001-DUP (280-90331-4), SW1016-SWK001 (280-90331-5), SW1016-SWI001-Z (280-90331-7), SW1016-SWK001-Z (280-90331-9), SW1016-SWB001-Z (280-90331-11) and SW1016-SWF001-Z (280-90331-12) had to be analyzed at dilutions. The reporting limits have been adjusted relative to the dilutions required.

The method required MS/MSD could not be performed for prep batch 280-349734, due to insufficient sample volume. Method precision and accuracy have been verified by the acceptable LCS/LCSD analyses data.

No other analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWB001

Lab Sample ID: 280-90331-1

No Detections.

Client Sample ID: SW1016-SWF001

Lab Sample ID: 280-90331-2

No Detections.

Client Sample ID: SW1016-SWI001

Lab Sample ID: 280-90331-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,3-Dinitrotoluene	0.017	J	0.10	0.015	ug/L	1		8321A	Total/NA
2,4-Dinitrotoluene	0.069	J	0.10	0.019	ug/L	1		8321A	Total/NA
2,5-Dinitrotoluene	0.017	J	0.10	0.014	ug/L	1		8321A	Total/NA
2,6-Dinitrotoluene	0.22		0.10	0.022	ug/L	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	0.17		0.10	0.021	ug/L	1		8321A	Total/NA
2-Nitrotoluene	0.59		0.10	0.022	ug/L	1		8321A	Total/NA
3,4-Dinitrotoluene	0.049	J	0.10	0.020	ug/L	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	0.35		0.10	0.019	ug/L	1		8321A	Total/NA

Client Sample ID: SW1016-SWI001-DUP

Lab Sample ID: 280-90331-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,3-Dinitrotoluene	0.019	J	0.10	0.015	ug/L	1		8321A	Total/NA
2,4-Dinitrotoluene	0.068	J	0.10	0.019	ug/L	1		8321A	Total/NA
2,5-Dinitrotoluene	0.019	J	0.10	0.014	ug/L	1		8321A	Total/NA
2,6-Dinitrotoluene	0.23		0.10	0.022	ug/L	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	0.16		0.10	0.021	ug/L	1		8321A	Total/NA
2-Nitrotoluene	0.71		0.10	0.022	ug/L	1		8321A	Total/NA
3,4-Dinitrotoluene	0.052	J	0.10	0.020	ug/L	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	0.37		0.10	0.019	ug/L	1		8321A	Total/NA

Client Sample ID: SW1016-SWK001

Lab Sample ID: 280-90331-5

No Detections.

Client Sample ID: SW1016-EB001

Lab Sample ID: 280-90331-6

No Detections.

Client Sample ID: SW1016-SWI001-Z

Lab Sample ID: 280-90331-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4-Dinitrotoluene	0.083	J	0.13	0.025	ug/L	1		8321A	Total/NA
2,6-Dinitrotoluene	0.21		0.13	0.029	ug/L	1		8321A	Total/NA
2-Amino-4,6-dinitrotoluene	0.13		0.13	0.027	ug/L	1		8321A	Total/NA
4-Amino-2,6-dinitrotoluene	0.23		0.13	0.025	ug/L	1		8321A	Total/NA
2-Nitrotoluene	0.55		0.13	0.029	ug/L	1		8321A	Total/NA
3,4-Dinitrotoluene	0.038	J	0.13	0.026	ug/L	1		8321A	Total/NA

Client Sample ID: SW1016-SWK001-Z

Lab Sample ID: 280-90331-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4-Dinitrotoluene	0.019	J	0.10	0.019	ug/L	1		8321A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

Detection Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-EB001-Z

Lab Sample ID: 280-90331-10

No Detections.

Client Sample ID: SW1016-SWB001-Z

Lab Sample ID: 280-90331-11

No Detections.

Client Sample ID: SW1016-SWF001-Z

Lab Sample ID: 280-90331-12

No Detections.

Client Sample ID: SW1016-LAB-EB-Z

Lab Sample ID: 280-90331-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2,4-Dinitrotoluene	0.030	J	0.096	0.018	ug/L	1			8321A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Denver

Method Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL DEN
8321A	Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)	SW846	TAL DEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

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Sample Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-90331-1	SW1016-SWB001	Water	10/27/16 16:30	10/29/16 08:50
280-90331-2	SW1016-SWF001	Water	10/27/16 16:55	10/29/16 08:50
280-90331-3	SW1016-SWI001	Water	10/28/16 09:00	10/29/16 08:50
280-90331-4	SW1016-SWI001-DUP	Water	10/28/16 09:00	10/29/16 08:50
280-90331-5	SW1016-SWK001	Water	10/28/16 10:45	10/29/16 08:50
280-90331-6	SW1016-EB001	Water	10/28/16 11:10	10/29/16 08:50
280-90331-7	SW1016-SWI001-Z	Water	10/28/16 09:00	10/29/16 08:50
280-90331-9	SW1016-SWK001-Z	Water	10/28/16 10:45	10/29/16 08:50
280-90331-10	SW1016-EB001-Z	Water	10/28/16 11:10	10/29/16 08:50
280-90331-11	SW1016-SWB001-Z	Water	10/27/16 16:30	10/29/16 08:50
280-90331-12	SW1016-SWF001-Z	Water	10/27/16 16:55	10/29/16 08:50
280-90331-13	SW1016-LAB-EB-Z	Water	10/28/16 00:00	10/29/16 08:50

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWB001

Lab Sample ID: 280-90331-1

Date Collected: 10/27/16 16:30

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.23	U	4.8	0.23	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.32	U	4.8	0.32	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.40	U	4.8	0.40	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.38	U	4.8	0.38	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.44	U	4.8	0.44	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.41	U	4.8	0.41	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.37	U	4.8	0.37	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.74	U	4.8	0.74	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.21	U	4.8	0.21	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.25	U	4.8	0.25	ug/L		11/03/16 15:11	11/16/16 17:00	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.26	U	4.8	0.26	ug/L		11/03/16 15:11	11/16/16 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		48 - 135	11/03/16 15:11	11/16/16 17:00	1
2-Fluorobiphenyl	97		48 - 135	11/03/16 15:11	11/16/16 17:00	1
2-Fluorophenol	96		41 - 135	11/03/16 15:11	11/16/16 17:00	1
Nitrobenzene-d5	101		42 - 135	11/03/16 15:11	11/16/16 17:00	1
Phenol-d5	99		46 - 135	11/03/16 15:11	11/16/16 17:00	1
Terphenyl-d14	60		20 - 135	11/03/16 15:11	11/16/16 17:00	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.017	U	0.097	0.017	ug/L		11/03/16 18:53	11/08/16 16:03	1
1,3-Dinitrobenzene	0.014	U	0.097	0.014	ug/L		11/03/16 18:53	11/08/16 16:03	1
2,3-Dinitrotoluene	0.015	U	0.097	0.015	ug/L		11/03/16 18:53	11/08/16 16:03	1
2,4,6-Trinitro-3-xylene	0.012	U	0.097	0.012	ug/L		11/03/16 18:53	11/08/16 16:03	1
2,4,6-Trinitrotoluene	0.021	U	0.097	0.021	ug/L		11/03/16 18:53	11/08/16 16:03	1
2,4-Dinitrotoluene	0.018	U	0.097	0.018	ug/L		11/03/16 18:53	11/08/16 16:03	1
2,5-Dinitrotoluene	0.014	U	0.097	0.014	ug/L		11/03/16 18:53	11/08/16 16:03	1
2,6-Dinitrotoluene	0.021	U	0.097	0.021	ug/L		11/03/16 18:53	11/08/16 16:03	1
2-Amino-4,6-dinitrotoluene	0.020	U	0.097	0.020	ug/L		11/03/16 18:53	11/08/16 16:03	1
2-Nitrotoluene	0.021	U	0.097	0.021	ug/L		11/03/16 18:53	11/08/16 16:03	1
3,4-Dinitrotoluene	0.019	U	0.097	0.019	ug/L		11/03/16 18:53	11/08/16 16:03	1
3,5-Dinitrotoluene	0.033	U	0.097	0.033	ug/L		11/03/16 18:53	11/08/16 16:03	1
3-Nitrotoluene	0.024	U	0.097	0.024	ug/L		11/03/16 18:53	11/08/16 16:03	1
4-Amino-2,6-dinitrotoluene	0.018	U	0.097	0.018	ug/L		11/03/16 18:53	11/08/16 16:03	1
4-Nitrotoluene	0.025	U	0.097	0.025	ug/L		11/03/16 18:53	11/08/16 16:03	1
Nitrobenzene	0.032	U	0.097	0.032	ug/L		11/03/16 18:53	11/08/16 16:03	1
Nitroglycerin	0.044	U	0.14	0.044	ug/L		11/03/16 18:53	11/08/16 16:03	1
PETN	0.018	U	0.097	0.018	ug/L		11/03/16 18:53	11/08/16 16:03	1
Tetryl	0.020	U	0.097	0.020	ug/L		11/03/16 18:53	11/08/16 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	69		48 - 130	11/03/16 18:53	11/08/16 16:03	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HMX	0.18	U	0.97	0.18	ug/L		11/03/16 18:53	11/08/16 19:16	10
RDX	0.20	U	0.97	0.20	ug/L		11/03/16 18:53	11/08/16 19:16	10

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWB001

Date Collected: 10/27/16 16:30

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90331-1

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	68	D	48 - 130	11/03/16 18:53	11/08/16 19:16	10

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWF001

Lab Sample ID: 280-90331-2

Date Collected: 10/27/16 16:55

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.24	U	5.1	0.24	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.34	U	5.1	0.34	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.42	U	5.1	0.42	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.40	U	5.1	0.40	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.46	U	5.1	0.46	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.43	U	5.1	0.43	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.39	U	5.1	0.39	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.77	U	5.1	0.77	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.22	U	5.1	0.22	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.26	U	5.1	0.26	ug/L		11/03/16 15:11	11/17/16 23:01	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.27	U	5.1	0.27	ug/L		11/03/16 15:11	11/17/16 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		48 - 135	11/03/16 15:11	11/17/16 23:01	1
2-Fluorobiphenyl	95		48 - 135	11/03/16 15:11	11/17/16 23:01	1
2-Fluorophenol	99		41 - 135	11/03/16 15:11	11/17/16 23:01	1
Nitrobenzene-d5	95		42 - 135	11/03/16 15:11	11/17/16 23:01	1
Phenol-d5	100		46 - 135	11/03/16 15:11	11/17/16 23:01	1
Terphenyl-d14	67		20 - 135	11/03/16 15:11	11/17/16 23:01	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.031	U	0.19	0.031	ug/L		11/03/16 18:53	11/08/16 16:35	1
1,3-Dinitrobenzene	0.026	U	0.19	0.026	ug/L		11/03/16 18:53	11/08/16 16:35	1
2,3-Dinitrotoluene	0.028	U	0.19	0.028	ug/L		11/03/16 18:53	11/08/16 16:35	1
2,4,6-Trinitro-3-xylene	0.022	U	0.19	0.022	ug/L		11/03/16 18:53	11/08/16 16:35	1
2,4,6-Trinitrotoluene	0.041	U	0.19	0.041	ug/L		11/03/16 18:53	11/08/16 16:35	1
2,4-Dinitrotoluene	0.035	U	0.19	0.035	ug/L		11/03/16 18:53	11/08/16 16:35	1
2,5-Dinitrotoluene	0.026	U	0.19	0.026	ug/L		11/03/16 18:53	11/08/16 16:35	1
2,6-Dinitrotoluene	0.041	U	0.19	0.041	ug/L		11/03/16 18:53	11/08/16 16:35	1
2-Amino-4,6-dinitrotoluene	0.039	U	0.19	0.039	ug/L		11/03/16 18:53	11/08/16 16:35	1
2-Nitrotoluene	0.041	U	0.19	0.041	ug/L		11/03/16 18:53	11/08/16 16:35	1
3,4-Dinitrotoluene	0.037	U	0.19	0.037	ug/L		11/03/16 18:53	11/08/16 16:35	1
3,5-Dinitrotoluene	0.063	U	0.19	0.063	ug/L		11/03/16 18:53	11/08/16 16:35	1
3-Nitrotoluene	0.046	U	0.19	0.046	ug/L		11/03/16 18:53	11/08/16 16:35	1
4-Amino-2,6-dinitrotoluene	0.035	U	0.19	0.035	ug/L		11/03/16 18:53	11/08/16 16:35	1
4-Nitrotoluene	0.048	U	0.19	0.048	ug/L		11/03/16 18:53	11/08/16 16:35	1
Nitrobenzene	0.061	U	0.19	0.061	ug/L		11/03/16 18:53	11/08/16 16:35	1
Nitroglycerin	0.083	U	0.26	0.083	ug/L		11/03/16 18:53	11/08/16 16:35	1
PETN	0.033	U	0.19	0.033	ug/L		11/03/16 18:53	11/08/16 16:35	1
Tetryl	0.039	U	0.19	0.039	ug/L		11/03/16 18:53	11/08/16 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	69		48 - 130	11/03/16 18:53	11/08/16 16:35	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HMX	0.35	U	1.9	0.35	ug/L		11/03/16 18:53	11/08/16 19:48	10
RDX	0.39	U	1.9	0.39	ug/L		11/03/16 18:53	11/08/16 19:48	10

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWF001

Date Collected: 10/27/16 16:55

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90331-2

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	79	D	48 - 130	11/03/16 18:53	11/08/16 19:48	10

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWI001

Lab Sample ID: 280-90331-3

Date Collected: 10/28/16 09:00

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.26	U	5.3	0.26	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.35	U	5.3	0.35	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.44	U	5.3	0.44	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.42	U	5.3	0.42	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.48	U	5.3	0.48	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.45	U	5.3	0.45	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.41	U	5.3	0.41	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.81	U	5.3	0.81	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.24	U	5.3	0.24	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.28	U	5.3	0.28	ug/L		11/04/16 14:40	11/16/16 19:00	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.29	U	5.3	0.29	ug/L		11/04/16 14:40	11/16/16 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		48 - 135	11/04/16 14:40	11/16/16 19:00	1
2-Fluorobiphenyl	78		48 - 135	11/04/16 14:40	11/16/16 19:00	1
2-Fluorophenol	82		41 - 135	11/04/16 14:40	11/16/16 19:00	1
Nitrobenzene-d5	86		42 - 135	11/04/16 14:40	11/16/16 19:00	1
Phenol-d5	86		46 - 135	11/04/16 14:40	11/16/16 19:00	1
Terphenyl-d14	93		20 - 135	11/04/16 14:40	11/16/16 19:00	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.017	U	0.10	0.017	ug/L		11/04/16 17:26	11/08/16 23:02	1
1,3-Dinitrobenzene	0.014	U	0.10	0.014	ug/L		11/04/16 17:26	11/08/16 23:02	1
2,3-Dinitrotoluene	0.017	J	0.10	0.015	ug/L		11/04/16 17:26	11/08/16 23:02	1
2,4,6-Trinitro-3-xylene	0.012	U	0.10	0.012	ug/L		11/04/16 17:26	11/08/16 23:02	1
2,4,6-Trinitrotoluene	0.022	U	0.10	0.022	ug/L		11/04/16 17:26	11/08/16 23:02	1
2,4-Dinitrotoluene	0.069	J	0.10	0.019	ug/L		11/04/16 17:26	11/08/16 23:02	1
2,5-Dinitrotoluene	0.017	J	0.10	0.014	ug/L		11/04/16 17:26	11/08/16 23:02	1
2,6-Dinitrotoluene	0.22		0.10	0.022	ug/L		11/04/16 17:26	11/08/16 23:02	1
2-Amino-4,6-dinitrotoluene	0.17		0.10	0.021	ug/L		11/04/16 17:26	11/08/16 23:02	1
2-Nitrotoluene	0.59		0.10	0.022	ug/L		11/04/16 17:26	11/08/16 23:02	1
3,4-Dinitrotoluene	0.049	J	0.10	0.020	ug/L		11/04/16 17:26	11/08/16 23:02	1
3,5-Dinitrotoluene	0.034	U	0.10	0.034	ug/L		11/04/16 17:26	11/08/16 23:02	1
3-Nitrotoluene	0.025	U	0.10	0.025	ug/L		11/04/16 17:26	11/08/16 23:02	1
4-Amino-2,6-dinitrotoluene	0.35		0.10	0.019	ug/L		11/04/16 17:26	11/08/16 23:02	1
4-Nitrotoluene	0.026	U	0.10	0.026	ug/L		11/04/16 17:26	11/08/16 23:02	1
Nitrobenzene	0.033	U	0.10	0.033	ug/L		11/04/16 17:26	11/08/16 23:02	1
Nitroglycerin	0.045	U	0.14	0.045	ug/L		11/04/16 17:26	11/08/16 23:02	1
PETN	0.018	U	0.10	0.018	ug/L		11/04/16 17:26	11/08/16 23:02	1
Tetryl	0.021	U	0.10	0.021	ug/L		11/04/16 17:26	11/08/16 23:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	74		48 - 130	11/04/16 17:26	11/08/16 23:02	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HMX	0.096	U	0.51	0.096	ug/L		11/04/16 17:26	11/09/16 16:21	5
RDX	0.11	U	0.51	0.11	ug/L		11/04/16 17:26	11/09/16 16:21	5

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWI001

Date Collected: 10/28/16 09:00

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90331-3

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	74	D	48 - 130	11/04/16 17:26	11/09/16 16:21	5

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWI001-DUP

Lab Sample ID: 280-90331-4

Date Collected: 10/28/16 09:00

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.25	U	5.1	0.25	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.34	U	5.1	0.34	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.42	U	5.1	0.42	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.40	U	5.1	0.40	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.46	U	5.1	0.46	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.43	U	5.1	0.43	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.39	U	5.1	0.39	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.78	U	5.1	0.78	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.23	U	5.1	0.23	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.27	U	5.1	0.27	ug/L		11/04/16 14:40	11/16/16 20:11	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.28	U	5.1	0.28	ug/L		11/04/16 14:40	11/16/16 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		48 - 135	11/04/16 14:40	11/16/16 20:11	1
2-Fluorobiphenyl	74		48 - 135	11/04/16 14:40	11/16/16 20:11	1
2-Fluorophenol	80		41 - 135	11/04/16 14:40	11/16/16 20:11	1
Nitrobenzene-d5	83		42 - 135	11/04/16 14:40	11/16/16 20:11	1
Phenol-d5	85		46 - 135	11/04/16 14:40	11/16/16 20:11	1
Terphenyl-d14	98		20 - 135	11/04/16 14:40	11/16/16 20:11	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.017	U	0.10	0.017	ug/L		11/04/16 17:26	11/09/16 00:39	1
1,3-Dinitrobenzene	0.014	U	0.10	0.014	ug/L		11/04/16 17:26	11/09/16 00:39	1
2,3-Dinitrotoluene	0.019	J	0.10	0.015	ug/L		11/04/16 17:26	11/09/16 00:39	1
2,4,6-Trinitro-3-xylene	0.012	U	0.10	0.012	ug/L		11/04/16 17:26	11/09/16 00:39	1
2,4,6-Trinitrotoluene	0.022	U	0.10	0.022	ug/L		11/04/16 17:26	11/09/16 00:39	1
2,4-Dinitrotoluene	0.068	J	0.10	0.019	ug/L		11/04/16 17:26	11/09/16 00:39	1
2,5-Dinitrotoluene	0.019	J	0.10	0.014	ug/L		11/04/16 17:26	11/09/16 00:39	1
2,6-Dinitrotoluene	0.23		0.10	0.022	ug/L		11/04/16 17:26	11/09/16 00:39	1
2-Amino-4,6-dinitrotoluene	0.16		0.10	0.021	ug/L		11/04/16 17:26	11/09/16 00:39	1
2-Nitrotoluene	0.71		0.10	0.022	ug/L		11/04/16 17:26	11/09/16 00:39	1
3,4-Dinitrotoluene	0.052	J	0.10	0.020	ug/L		11/04/16 17:26	11/09/16 00:39	1
3,5-Dinitrotoluene	0.035	U	0.10	0.035	ug/L		11/04/16 17:26	11/09/16 00:39	1
3-Nitrotoluene	0.026	U	0.10	0.026	ug/L		11/04/16 17:26	11/09/16 00:39	1
4-Amino-2,6-dinitrotoluene	0.37		0.10	0.019	ug/L		11/04/16 17:26	11/09/16 00:39	1
4-Nitrotoluene	0.027	U	0.10	0.027	ug/L		11/04/16 17:26	11/09/16 00:39	1
Nitrobenzene	0.034	U	0.10	0.034	ug/L		11/04/16 17:26	11/09/16 00:39	1
Nitroglycerin	0.046	U	0.14	0.046	ug/L		11/04/16 17:26	11/09/16 00:39	1
PETN	0.018	U	0.10	0.018	ug/L		11/04/16 17:26	11/09/16 00:39	1
Tetryl	0.021	U	0.10	0.021	ug/L		11/04/16 17:26	11/09/16 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	85		48 - 130	11/04/16 17:26	11/09/16 00:39	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HMX	0.097	U	0.51	0.097	ug/L		11/04/16 17:26	11/09/16 17:58	5
RDX	0.11	U	0.51	0.11	ug/L		11/04/16 17:26	11/09/16 17:58	5

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWI001-DUP

Date Collected: 10/28/16 09:00

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90331-4

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	72	D	48 - 130	11/04/16 17:26	11/09/16 17:58	5

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWK001

Lab Sample ID: 280-90331-5

Date Collected: 10/28/16 10:45

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.23	U	4.9	0.23	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.32	U	4.9	0.32	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.40	U	4.9	0.40	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.38	U	4.9	0.38	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.44	U	4.9	0.44	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.41	U	4.9	0.41	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.37	U	4.9	0.37	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.74	U	4.9	0.74	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.22	U	4.9	0.22	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.25	U	4.9	0.25	ug/L		11/04/16 14:40	11/16/16 20:35	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.26	U	4.9	0.26	ug/L		11/04/16 14:40	11/16/16 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		48 - 135	11/04/16 14:40	11/16/16 20:35	1
2-Fluorobiphenyl	76		48 - 135	11/04/16 14:40	11/16/16 20:35	1
2-Fluorophenol	76		41 - 135	11/04/16 14:40	11/16/16 20:35	1
Nitrobenzene-d5	81		42 - 135	11/04/16 14:40	11/16/16 20:35	1
Phenol-d5	85		46 - 135	11/04/16 14:40	11/16/16 20:35	1
Terphenyl-d14	94		20 - 135	11/04/16 14:40	11/16/16 20:35	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.016	U	0.095	0.016	ug/L		11/04/16 17:26	11/09/16 01:11	1
1,3-Dinitrobenzene	0.013	U	0.095	0.013	ug/L		11/04/16 17:26	11/09/16 01:11	1
2,3-Dinitrotoluene	0.014	U	0.095	0.014	ug/L		11/04/16 17:26	11/09/16 01:11	1
2,4,6-Trinitro-3-xylene	0.011	U	0.095	0.011	ug/L		11/04/16 17:26	11/09/16 01:11	1
2,4,6-Trinitrotoluene	0.021	U	0.095	0.021	ug/L		11/04/16 17:26	11/09/16 01:11	1
2,4-Dinitrotoluene	0.018	U	0.095	0.018	ug/L		11/04/16 17:26	11/09/16 01:11	1
2,5-Dinitrotoluene	0.013	U	0.095	0.013	ug/L		11/04/16 17:26	11/09/16 01:11	1
2,6-Dinitrotoluene	0.021	U	0.095	0.021	ug/L		11/04/16 17:26	11/09/16 01:11	1
2-Amino-4,6-dinitrotoluene	0.020	U	0.095	0.020	ug/L		11/04/16 17:26	11/09/16 01:11	1
2-Nitrotoluene	0.021	U	0.095	0.021	ug/L		11/04/16 17:26	11/09/16 01:11	1
3,4-Dinitrotoluene	0.019	U	0.095	0.019	ug/L		11/04/16 17:26	11/09/16 01:11	1
3,5-Dinitrotoluene	0.032	U	0.095	0.032	ug/L		11/04/16 17:26	11/09/16 01:11	1
3-Nitrotoluene	0.024	U	0.095	0.024	ug/L		11/04/16 17:26	11/09/16 01:11	1
4-Amino-2,6-dinitrotoluene	0.018	U	0.095	0.018	ug/L		11/04/16 17:26	11/09/16 01:11	1
4-Nitrotoluene	0.025	U	0.095	0.025	ug/L		11/04/16 17:26	11/09/16 01:11	1
Nitrobenzene	0.031	U	0.095	0.031	ug/L		11/04/16 17:26	11/09/16 01:11	1
Nitroglycerin	0.043	U	0.13	0.043	ug/L		11/04/16 17:26	11/09/16 01:11	1
PETN	0.017	U	0.095	0.017	ug/L		11/04/16 17:26	11/09/16 01:11	1
Tetryl	0.020	U	0.095	0.020	ug/L		11/04/16 17:26	11/09/16 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	67		48 - 130	11/04/16 17:26	11/09/16 01:11	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HMX	0.18	U	0.95	0.18	ug/L		11/04/16 17:26	11/09/16 18:30	10
RDX	0.20	U	0.95	0.20	ug/L		11/04/16 17:26	11/09/16 18:30	10

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWK001

Date Collected: 10/28/16 10:45

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90331-5

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	73	D	48 - 130	11/04/16 17:26	11/09/16 18:30	10

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-EB001

Lab Sample ID: 280-90331-6

Date Collected: 10/28/16 11:10

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.24	U	4.9	0.24	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.33	U	4.9	0.33	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.41	U	4.9	0.41	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.39	U	4.9	0.39	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.45	U	4.9	0.45	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.42	U	4.9	0.42	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.38	U	4.9	0.38	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.75	U	4.9	0.75	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.22	U	4.9	0.22	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.26	U	4.9	0.26	ug/L		11/04/16 14:40	11/16/16 20:59	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.27	U	4.9	0.27	ug/L		11/04/16 14:40	11/16/16 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		48 - 135	11/04/16 14:40	11/16/16 20:59	1
2-Fluorobiphenyl	74		48 - 135	11/04/16 14:40	11/16/16 20:59	1
2-Fluorophenol	74		41 - 135	11/04/16 14:40	11/16/16 20:59	1
Nitrobenzene-d5	82		42 - 135	11/04/16 14:40	11/16/16 20:59	1
Phenol-d5	79		46 - 135	11/04/16 14:40	11/16/16 20:59	1
Terphenyl-d14	91		20 - 135	11/04/16 14:40	11/16/16 20:59	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.017	U	0.098	0.017	ug/L		11/04/16 17:26	11/09/16 02:15	1
1,3-Dinitrobenzene	0.014	U	0.098	0.014	ug/L		11/04/16 17:26	11/09/16 02:15	1
2,3-Dinitrotoluene	0.015	U	0.098	0.015	ug/L		11/04/16 17:26	11/09/16 02:15	1
2,4,6-Trinitro-3-xylene	0.012	U	0.098	0.012	ug/L		11/04/16 17:26	11/09/16 02:15	1
2,4,6-Trinitrotoluene	0.021	U	0.098	0.021	ug/L		11/04/16 17:26	11/09/16 02:15	1
2,4-Dinitrotoluene	0.019	U	0.098	0.019	ug/L		11/04/16 17:26	11/09/16 02:15	1
2,5-Dinitrotoluene	0.014	U	0.098	0.014	ug/L		11/04/16 17:26	11/09/16 02:15	1
2,6-Dinitrotoluene	0.021	U	0.098	0.021	ug/L		11/04/16 17:26	11/09/16 02:15	1
2-Amino-4,6-dinitrotoluene	0.021	U	0.098	0.021	ug/L		11/04/16 17:26	11/09/16 02:15	1
2-Nitrotoluene	0.021	U	0.098	0.021	ug/L		11/04/16 17:26	11/09/16 02:15	1
3,4-Dinitrotoluene	0.020	U	0.098	0.020	ug/L		11/04/16 17:26	11/09/16 02:15	1
3,5-Dinitrotoluene	0.033	U	0.098	0.033	ug/L		11/04/16 17:26	11/09/16 02:15	1
3-Nitrotoluene	0.024	U	0.098	0.024	ug/L		11/04/16 17:26	11/09/16 02:15	1
4-Amino-2,6-dinitrotoluene	0.019	U	0.098	0.019	ug/L		11/04/16 17:26	11/09/16 02:15	1
4-Nitrotoluene	0.025	U	0.098	0.025	ug/L		11/04/16 17:26	11/09/16 02:15	1
HMX	0.019	U	0.098	0.019	ug/L		11/04/16 17:26	11/09/16 02:15	1
Nitrobenzene	0.032	U	0.098	0.032	ug/L		11/04/16 17:26	11/09/16 02:15	1
Nitroglycerin	0.044	U	0.14	0.044	ug/L		11/04/16 17:26	11/09/16 02:15	1
PETN	0.018	U	0.098	0.018	ug/L		11/04/16 17:26	11/09/16 02:15	1
RDX	0.021	U	0.098	0.021	ug/L		11/04/16 17:26	11/09/16 02:15	1
Tetryl	0.021	U	0.098	0.021	ug/L		11/04/16 17:26	11/09/16 02:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	80		48 - 130	11/04/16 17:26	11/09/16 02:15	1

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWI001-Z

Lab Sample ID: 280-90331-7

Date Collected: 10/28/16 09:00

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.29	U	6.0	0.29	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.40	U	6.0	0.40	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.50	U	6.0	0.50	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.47	U	6.0	0.47	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.54	U	6.0	0.54	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.51	U	6.0	0.51	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.46	U	6.0	0.46	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.92	U	6.0	0.92	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.27	U	6.0	0.27	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.31	U	6.0	0.31	ug/L		11/04/16 14:40	11/16/16 21:22	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.33	U	6.0	0.33	ug/L		11/04/16 14:40	11/16/16 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		48 - 135	11/04/16 14:40	11/16/16 21:22	1
2-Fluorobiphenyl	84		48 - 135	11/04/16 14:40	11/16/16 21:22	1
2-Fluorophenol	82		41 - 135	11/04/16 14:40	11/16/16 21:22	1
Nitrobenzene-d5	89		42 - 135	11/04/16 14:40	11/16/16 21:22	1
Phenol-d5	90		46 - 135	11/04/16 14:40	11/16/16 21:22	1
Terphenyl-d14	96		20 - 135	11/04/16 14:40	11/16/16 21:22	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.022	U	0.13	0.022	ug/L		11/04/16 17:26	11/09/16 02:47	1
1,3-Dinitrobenzene	0.018	U	0.13	0.018	ug/L		11/04/16 17:26	11/09/16 02:47	1
2,4,6-Trinitrotoluene	0.029	U	0.13	0.029	ug/L		11/04/16 17:26	11/09/16 02:47	1
2,4-Dinitrotoluene	0.083	J	0.13	0.025	ug/L		11/04/16 17:26	11/09/16 02:47	1
2,6-Dinitrotoluene	0.21		0.13	0.029	ug/L		11/04/16 17:26	11/09/16 02:47	1
2-Amino-4,6-dinitrotoluene	0.13		0.13	0.027	ug/L		11/04/16 17:26	11/09/16 02:47	1
4-Amino-2,6-dinitrotoluene	0.23		0.13	0.025	ug/L		11/04/16 17:26	11/09/16 02:47	1
RDX	0.027	U	0.13	0.027	ug/L		11/04/16 17:26	11/09/16 02:47	1
3-Nitrotoluene	0.032	U	0.13	0.032	ug/L		11/04/16 17:26	11/09/16 02:47	1
Tetryl	0.027	U	0.13	0.027	ug/L		11/04/16 17:26	11/09/16 02:47	1
Nitrobenzene	0.043	U	0.13	0.043	ug/L		11/04/16 17:26	11/09/16 02:47	1
2-Nitrotoluene	0.55		0.13	0.029	ug/L		11/04/16 17:26	11/09/16 02:47	1
Nitroglycerin	0.058	U	0.18	0.058	ug/L		11/04/16 17:26	11/09/16 02:47	1
4-Nitrotoluene	0.034	U	0.13	0.034	ug/L		11/04/16 17:26	11/09/16 02:47	1
PETN	0.023	U	0.13	0.023	ug/L		11/04/16 17:26	11/09/16 02:47	1
3,4-Dinitrotoluene	0.038	J	0.13	0.026	ug/L		11/04/16 17:26	11/09/16 02:47	1
2,3-Dinitrotoluene	0.019	U	0.13	0.019	ug/L		11/04/16 17:26	11/09/16 02:47	1
3,5-Dinitrotoluene	0.044	U	0.13	0.044	ug/L		11/04/16 17:26	11/09/16 02:47	1
2,4,6-Trinitro-3-xylene	0.016	U	0.13	0.016	ug/L		11/04/16 17:26	11/09/16 02:47	1
2,5-Dinitrotoluene	0.018	U	0.13	0.018	ug/L		11/04/16 17:26	11/09/16 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	79		48 - 130	11/04/16 17:26	11/09/16 02:47	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HMX	0.049	U	0.26	0.049	ug/L		11/04/16 17:26	11/09/16 19:02	2

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWI001-Z

Date Collected: 10/28/16 09:00

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90331-7

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	75	D	48 - 130	11/04/16 17:26	11/09/16 19:02	2

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWK001-Z

Lab Sample ID: 280-90331-9

Date Collected: 10/28/16 10:45

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.25	U	5.2	0.25	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.34	U	5.2	0.34	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.42	U	5.2	0.42	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.40	U	5.2	0.40	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.46	U	5.2	0.46	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.43	U	5.2	0.43	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.39	U	5.2	0.39	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.78	U	5.2	0.78	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.23	U	5.2	0.23	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.27	U	5.2	0.27	ug/L		11/04/16 14:40	11/16/16 21:46	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.28	U	5.2	0.28	ug/L		11/04/16 14:40	11/16/16 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		48 - 135	11/04/16 14:40	11/16/16 21:46	1
2-Fluorobiphenyl	84		48 - 135	11/04/16 14:40	11/16/16 21:46	1
2-Fluorophenol	90		41 - 135	11/04/16 14:40	11/16/16 21:46	1
Nitrobenzene-d5	93		42 - 135	11/04/16 14:40	11/16/16 21:46	1
Phenol-d5	94		46 - 135	11/04/16 14:40	11/16/16 21:46	1
Terphenyl-d14	93		20 - 135	11/04/16 14:40	11/16/16 21:46	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.017	U	0.10	0.017	ug/L		11/04/16 17:26	11/09/16 03:19	1
1,3-Dinitrobenzene	0.014	U	0.10	0.014	ug/L		11/04/16 17:26	11/09/16 03:19	1
2,4,6-Trinitrotoluene	0.022	U	0.10	0.022	ug/L		11/04/16 17:26	11/09/16 03:19	1
2,4-Dinitrotoluene	0.019	J	0.10	0.019	ug/L		11/04/16 17:26	11/09/16 03:19	1
2,6-Dinitrotoluene	0.022	U	0.10	0.022	ug/L		11/04/16 17:26	11/09/16 03:19	1
2-Amino-4,6-dinitrotoluene	0.021	U	0.10	0.021	ug/L		11/04/16 17:26	11/09/16 03:19	1
4-Amino-2,6-dinitrotoluene	0.019	U	0.10	0.019	ug/L		11/04/16 17:26	11/09/16 03:19	1
3-Nitrotoluene	0.025	U	0.10	0.025	ug/L		11/04/16 17:26	11/09/16 03:19	1
Tetryl	0.021	U	0.10	0.021	ug/L		11/04/16 17:26	11/09/16 03:19	1
Nitrobenzene	0.033	U	0.10	0.033	ug/L		11/04/16 17:26	11/09/16 03:19	1
2-Nitrotoluene	0.022	U	0.10	0.022	ug/L		11/04/16 17:26	11/09/16 03:19	1
Nitroglycerin	0.046	U	0.14	0.046	ug/L		11/04/16 17:26	11/09/16 03:19	1
4-Nitrotoluene	0.026	U	0.10	0.026	ug/L		11/04/16 17:26	11/09/16 03:19	1
PETN	0.018	U	0.10	0.018	ug/L		11/04/16 17:26	11/09/16 03:19	1
3,4-Dinitrotoluene	0.020	U	0.10	0.020	ug/L		11/04/16 17:26	11/09/16 03:19	1
2,3-Dinitrotoluene	0.015	U	0.10	0.015	ug/L		11/04/16 17:26	11/09/16 03:19	1
3,5-Dinitrotoluene	0.034	U	0.10	0.034	ug/L		11/04/16 17:26	11/09/16 03:19	1
2,4,6-Trinitro-3-xylene	0.012	U	0.10	0.012	ug/L		11/04/16 17:26	11/09/16 03:19	1
2,5-Dinitrotoluene	0.014	U	0.10	0.014	ug/L		11/04/16 17:26	11/09/16 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	83		48 - 130	11/04/16 17:26	11/09/16 03:19	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
RDX	0.21	U	1.0	0.21	ug/L		11/04/16 17:26	11/09/16 19:34	10
HMX	0.19	U	1.0	0.19	ug/L		11/04/16 17:26	11/09/16 19:34	10

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWK001-Z

Date Collected: 10/28/16 10:45

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90331-9

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	87	D	48 - 130	11/04/16 17:26	11/09/16 19:34	10

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-EB001-Z

Lab Sample ID: 280-90331-10

Date Collected: 10/28/16 11:10

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.23	U	4.8	0.23	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.32	U	4.8	0.32	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.40	U	4.8	0.40	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.38	U	4.8	0.38	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.43	U	4.8	0.43	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.41	U	4.8	0.41	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.37	U	4.8	0.37	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.73	U	4.8	0.73	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.21	U	4.8	0.21	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.25	U	4.8	0.25	ug/L		11/04/16 14:40	11/16/16 22:10	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.26	U	4.8	0.26	ug/L		11/04/16 14:40	11/16/16 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		48 - 135	11/04/16 14:40	11/16/16 22:10	1
2-Fluorobiphenyl	70		48 - 135	11/04/16 14:40	11/16/16 22:10	1
2-Fluorophenol	76		41 - 135	11/04/16 14:40	11/16/16 22:10	1
Nitrobenzene-d5	80		42 - 135	11/04/16 14:40	11/16/16 22:10	1
Phenol-d5	79		46 - 135	11/04/16 14:40	11/16/16 22:10	1
Terphenyl-d14	94		20 - 135	11/04/16 14:40	11/16/16 22:10	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.021	U	0.12	0.021	ug/L		11/04/16 17:26	11/09/16 03:51	1
1,3-Dinitrobenzene	0.017	U	0.12	0.017	ug/L		11/04/16 17:26	11/09/16 03:51	1
2,4,6-Trinitrotoluene	0.027	U	0.12	0.027	ug/L		11/04/16 17:26	11/09/16 03:51	1
2,4-Dinitrotoluene	0.023	U	0.12	0.023	ug/L		11/04/16 17:26	11/09/16 03:51	1
2,6-Dinitrotoluene	0.027	U	0.12	0.027	ug/L		11/04/16 17:26	11/09/16 03:51	1
2-Amino-4,6-dinitrotoluene	0.026	U	0.12	0.026	ug/L		11/04/16 17:26	11/09/16 03:51	1
4-Amino-2,6-dinitrotoluene	0.023	U	0.12	0.023	ug/L		11/04/16 17:26	11/09/16 03:51	1
RDX	0.026	U	0.12	0.026	ug/L		11/04/16 17:26	11/09/16 03:51	1
3-Nitrotoluene	0.031	U	0.12	0.031	ug/L		11/04/16 17:26	11/09/16 03:51	1
Tetryl	0.026	U	0.12	0.026	ug/L		11/04/16 17:26	11/09/16 03:51	1
Nitrobenzene	0.041	U	0.12	0.041	ug/L		11/04/16 17:26	11/09/16 03:51	1
2-Nitrotoluene	0.027	U	0.12	0.027	ug/L		11/04/16 17:26	11/09/16 03:51	1
HMX	0.023	U	0.12	0.023	ug/L		11/04/16 17:26	11/09/16 03:51	1
Nitroglycerin	0.056	U	0.17	0.056	ug/L		11/04/16 17:26	11/09/16 03:51	1
4-Nitrotoluene	0.032	U	0.12	0.032	ug/L		11/04/16 17:26	11/09/16 03:51	1
PETN	0.022	U	0.12	0.022	ug/L		11/04/16 17:26	11/09/16 03:51	1
3,4-Dinitrotoluene	0.025	U	0.12	0.025	ug/L		11/04/16 17:26	11/09/16 03:51	1
2,3-Dinitrotoluene	0.019	U	0.12	0.019	ug/L		11/04/16 17:26	11/09/16 03:51	1
3,5-Dinitrotoluene	0.042	U	0.12	0.042	ug/L		11/04/16 17:26	11/09/16 03:51	1
2,4,6-Trinitro-3-xylene	0.015	U	0.12	0.015	ug/L		11/04/16 17:26	11/09/16 03:51	1
2,5-Dinitrotoluene	0.017	U	0.12	0.017	ug/L		11/04/16 17:26	11/09/16 03:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	76		48 - 130	11/04/16 17:26	11/09/16 03:51	1

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWB001-Z

Lab Sample ID: 280-90331-11

Date Collected: 10/27/16 16:30

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.24	U	5.1	0.24	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.34	U	5.1	0.34	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.42	U	5.1	0.42	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.40	U	5.1	0.40	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.46	U	5.1	0.46	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.43	U	5.1	0.43	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.39	U	5.1	0.39	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.77	U	5.1	0.77	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.22	U	5.1	0.22	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.26	U	5.1	0.26	ug/L		11/03/16 15:11	11/16/16 17:48	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.27	U	5.1	0.27	ug/L		11/03/16 15:11	11/16/16 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		48 - 135	11/03/16 15:11	11/16/16 17:48	1
2-Fluorobiphenyl	103		48 - 135	11/03/16 15:11	11/16/16 17:48	1
2-Fluorophenol	95		41 - 135	11/03/16 15:11	11/16/16 17:48	1
Nitrobenzene-d5	107		42 - 135	11/03/16 15:11	11/16/16 17:48	1
Phenol-d5	93		46 - 135	11/03/16 15:11	11/16/16 17:48	1
Terphenyl-d14	53		20 - 135	11/03/16 15:11	11/16/16 17:48	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.017	U	0.098	0.017	ug/L		11/03/16 18:53	11/08/16 17:07	1
1,3-Dinitrobenzene	0.014	U	0.098	0.014	ug/L		11/03/16 18:53	11/08/16 17:07	1
2,4,6-Trinitrotoluene	0.022	U	0.098	0.022	ug/L		11/03/16 18:53	11/08/16 17:07	1
2,4-Dinitrotoluene	0.019	U	0.098	0.019	ug/L		11/03/16 18:53	11/08/16 17:07	1
2,6-Dinitrotoluene	0.022	U	0.098	0.022	ug/L		11/03/16 18:53	11/08/16 17:07	1
2-Amino-4,6-dinitrotoluene	0.021	U	0.098	0.021	ug/L		11/03/16 18:53	11/08/16 17:07	1
4-Amino-2,6-dinitrotoluene	0.019	U	0.098	0.019	ug/L		11/03/16 18:53	11/08/16 17:07	1
3-Nitrotoluene	0.024	U	0.098	0.024	ug/L		11/03/16 18:53	11/08/16 17:07	1
Tetryl	0.021	U	0.098	0.021	ug/L		11/03/16 18:53	11/08/16 17:07	1
Nitrobenzene	0.032	U	0.098	0.032	ug/L		11/03/16 18:53	11/08/16 17:07	1
2-Nitrotoluene	0.022	U	0.098	0.022	ug/L		11/03/16 18:53	11/08/16 17:07	1
Nitroglycerin	0.044	U	0.14	0.044	ug/L		11/03/16 18:53	11/08/16 17:07	1
4-Nitrotoluene	0.025	U	0.098	0.025	ug/L		11/03/16 18:53	11/08/16 17:07	1
PETN	0.018	U	0.098	0.018	ug/L		11/03/16 18:53	11/08/16 17:07	1
3,4-Dinitrotoluene	0.020	U	0.098	0.020	ug/L		11/03/16 18:53	11/08/16 17:07	1
2,3-Dinitrotoluene	0.015	U	0.098	0.015	ug/L		11/03/16 18:53	11/08/16 17:07	1
3,5-Dinitrotoluene	0.033	U	0.098	0.033	ug/L		11/03/16 18:53	11/08/16 17:07	1
2,4,6-Trinitro-3-xylene	0.012	U	0.098	0.012	ug/L		11/03/16 18:53	11/08/16 17:07	1
2,5-Dinitrotoluene	0.014	U	0.098	0.014	ug/L		11/03/16 18:53	11/08/16 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	77		48 - 130	11/03/16 18:53	11/08/16 17:07	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
RDX	0.21	U	0.98	0.21	ug/L		11/03/16 18:53	11/08/16 20:21	10
HMX	0.19	U	0.98	0.19	ug/L		11/03/16 18:53	11/08/16 20:21	10

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWB001-Z

Date Collected: 10/27/16 16:30

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90331-11

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	74	D	48 - 130	11/03/16 18:53	11/08/16 20:21	10

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWF001-Z

Lab Sample ID: 280-90331-12

Date Collected: 10/27/16 16:55

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.26	U	5.3	0.26	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.35	U	5.3	0.35	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.44	U	5.3	0.44	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.41	U	5.3	0.41	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.48	U	5.3	0.48	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.45	U	5.3	0.45	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.40	U	5.3	0.40	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.81	U	5.3	0.81	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.23	U	5.3	0.23	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.28	U	5.3	0.28	ug/L		11/03/16 15:11	11/16/16 18:12	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.29	U	5.3	0.29	ug/L		11/03/16 15:11	11/16/16 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	119		48 - 135	11/03/16 15:11	11/16/16 18:12	1
2-Fluorobiphenyl	104		48 - 135	11/03/16 15:11	11/16/16 18:12	1
2-Fluorophenol	106		41 - 135	11/03/16 15:11	11/16/16 18:12	1
Nitrobenzene-d5	109		42 - 135	11/03/16 15:11	11/16/16 18:12	1
Phenol-d5	109		46 - 135	11/03/16 15:11	11/16/16 18:12	1
Terphenyl-d14	57		20 - 135	11/03/16 15:11	11/16/16 18:12	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.029	U	0.17	0.029	ug/L		11/03/16 18:53	11/08/16 17:39	1
1,3-Dinitrobenzene	0.024	U	0.17	0.024	ug/L		11/03/16 18:53	11/08/16 17:39	1
2,4,6-Trinitrotoluene	0.037	U	0.17	0.037	ug/L		11/03/16 18:53	11/08/16 17:39	1
2,4-Dinitrotoluene	0.032	U	0.17	0.032	ug/L		11/03/16 18:53	11/08/16 17:39	1
2,6-Dinitrotoluene	0.037	U	0.17	0.037	ug/L		11/03/16 18:53	11/08/16 17:39	1
2-Amino-4,6-dinitrotoluene	0.035	U	0.17	0.035	ug/L		11/03/16 18:53	11/08/16 17:39	1
4-Amino-2,6-dinitrotoluene	0.032	U	0.17	0.032	ug/L		11/03/16 18:53	11/08/16 17:39	1
3-Nitrotoluene	0.042	U	0.17	0.042	ug/L		11/03/16 18:53	11/08/16 17:39	1
Tetryl	0.035	U	0.17	0.035	ug/L		11/03/16 18:53	11/08/16 17:39	1
Nitrobenzene	0.056	U	0.17	0.056	ug/L		11/03/16 18:53	11/08/16 17:39	1
2-Nitrotoluene	0.037	U	0.17	0.037	ug/L		11/03/16 18:53	11/08/16 17:39	1
Nitroglycerin	0.076	U	0.24	0.076	ug/L		11/03/16 18:53	11/08/16 17:39	1
4-Nitrotoluene	0.044	U	0.17	0.044	ug/L		11/03/16 18:53	11/08/16 17:39	1
PETN	0.030	U	0.17	0.030	ug/L		11/03/16 18:53	11/08/16 17:39	1
3,4-Dinitrotoluene	0.034	U	0.17	0.034	ug/L		11/03/16 18:53	11/08/16 17:39	1
2,3-Dinitrotoluene	0.025	U	0.17	0.025	ug/L		11/03/16 18:53	11/08/16 17:39	1
3,5-Dinitrotoluene	0.057	U	0.17	0.057	ug/L		11/03/16 18:53	11/08/16 17:39	1
2,4,6-Trinitro-3-xylene	0.020	U	0.17	0.020	ug/L		11/03/16 18:53	11/08/16 17:39	1
2,5-Dinitrotoluene	0.024	U	0.17	0.024	ug/L		11/03/16 18:53	11/08/16 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	64		48 - 130	11/03/16 18:53	11/08/16 17:39	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
RDX	0.35	U	1.7	0.35	ug/L		11/03/16 18:53	11/08/16 20:53	10
HMX	0.32	U	1.7	0.32	ug/L		11/03/16 18:53	11/08/16 20:53	10

TestAmerica Denver

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWF001-Z

Date Collected: 10/27/16 16:55

Date Received: 10/29/16 08:50

Lab Sample ID: 280-90331-12

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Nitrobenzene-d5</i>	<i>71</i>	<i>D</i>	<i>48 - 130</i>	<i>11/03/16 18:53</i>	<i>11/08/16 20:53</i>	<i>10</i>

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Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-LAB-EB-Z

Lab Sample ID: 280-90331-13

Date Collected: 10/28/16 00:00

Matrix: Water

Date Received: 10/29/16 08:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.24	U	4.9	0.24	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.33	U	4.9	0.33	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.40	U	4.9	0.40	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.38	U	4.9	0.38	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.44	U	4.9	0.44	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.41	U	4.9	0.41	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.37	U	4.9	0.37	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.75	U	4.9	0.75	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.22	U	4.9	0.22	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.26	U	4.9	0.26	ug/L		11/03/16 15:11	11/16/16 18:36	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.27	U	4.9	0.27	ug/L		11/03/16 15:11	11/16/16 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	106		48 - 135	11/03/16 15:11	11/16/16 18:36	1
2-Fluorobiphenyl	99		48 - 135	11/03/16 15:11	11/16/16 18:36	1
2-Fluorophenol	94		41 - 135	11/03/16 15:11	11/16/16 18:36	1
Nitrobenzene-d5	104		42 - 135	11/03/16 15:11	11/16/16 18:36	1
Phenol-d5	93		46 - 135	11/03/16 15:11	11/16/16 18:36	1
Terphenyl-d14	95		20 - 135	11/03/16 15:11	11/16/16 18:36	1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	0.016	U	0.096	0.016	ug/L		11/03/16 18:53	11/08/16 18:11	1
1,3-Dinitrobenzene	0.013	U	0.096	0.013	ug/L		11/03/16 18:53	11/08/16 18:11	1
2,4,6-Trinitrotoluene	0.021	U	0.096	0.021	ug/L		11/03/16 18:53	11/08/16 18:11	1
2,4-Dinitrotoluene	0.030	J	0.096	0.018	ug/L		11/03/16 18:53	11/08/16 18:11	1
2,6-Dinitrotoluene	0.021	U	0.096	0.021	ug/L		11/03/16 18:53	11/08/16 18:11	1
2-Amino-4,6-dinitrotoluene	0.020	U	0.096	0.020	ug/L		11/03/16 18:53	11/08/16 18:11	1
4-Amino-2,6-dinitrotoluene	0.018	U	0.096	0.018	ug/L		11/03/16 18:53	11/08/16 18:11	1
RDX	0.020	U	0.096	0.020	ug/L		11/03/16 18:53	11/08/16 18:11	1
3-Nitrotoluene	0.024	U	0.096	0.024	ug/L		11/03/16 18:53	11/08/16 18:11	1
Tetryl	0.020	U	0.096	0.020	ug/L		11/03/16 18:53	11/08/16 18:11	1
Nitrobenzene	0.032	U	0.096	0.032	ug/L		11/03/16 18:53	11/08/16 18:11	1
2-Nitrotoluene	0.021	U	0.096	0.021	ug/L		11/03/16 18:53	11/08/16 18:11	1
HMX	0.018	U	0.096	0.018	ug/L		11/03/16 18:53	11/08/16 18:11	1
Nitroglycerin	0.043	U	0.13	0.043	ug/L		11/03/16 18:53	11/08/16 18:11	1
4-Nitrotoluene	0.025	U	0.096	0.025	ug/L		11/03/16 18:53	11/08/16 18:11	1
PETN	0.017	U	0.096	0.017	ug/L		11/03/16 18:53	11/08/16 18:11	1
3,4-Dinitrotoluene	0.019	U	0.096	0.019	ug/L		11/03/16 18:53	11/08/16 18:11	1
2,3-Dinitrotoluene	0.014	U	0.096	0.014	ug/L		11/03/16 18:53	11/08/16 18:11	1
3,5-Dinitrotoluene	0.033	U	0.096	0.033	ug/L		11/03/16 18:53	11/08/16 18:11	1
2,4,6-Trinitro-3-xylene	0.012	U	0.096	0.012	ug/L		11/03/16 18:53	11/08/16 18:11	1
2,5-Dinitrotoluene	0.013	U	0.096	0.013	ug/L		11/03/16 18:53	11/08/16 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	74		48 - 130	11/03/16 18:53	11/08/16 18:11	1

TestAmerica Denver

Surrogate Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (48-135)	FBP (48-135)	2FP (41-135)	NBZ (42-135)	PHL (46-135)	TPH (20-135)
280-90331-1	SW1016-SWB001	105	97	96	101	99	60
280-90331-2	SW1016-SWF001	97	95	99	95	100	67
280-90331-3	SW1016-SWI001	105	78	82	86	86	93
280-90331-3 MS	SW1016-SWI001	106	72	71	76	77	93
280-90331-3 MSD	SW1016-SWI001	119	95	93	105	101	103
280-90331-4	SW1016-SWI001-DUP	108	74	80	83	85	98
280-90331-5	SW1016-SWK001	112	76	76	81	85	94
280-90331-6	SW1016-EB001	92	74	74	82	79	91
280-90331-7	SW1016-SWI001-Z	113	84	82	89	90	96
280-90331-9	SW1016-SWK001-Z	112	84	90	93	94	93
280-90331-10	SW1016-EB001-Z	101	70	76	80	79	94
280-90331-11	SW1016-SWB001-Z	105	103	95	107	93	53
280-90331-12	SW1016-SWF001-Z	119	104	106	109	109	57
280-90331-13	SW1016-LAB-EB-Z	106	99	94	104	93	95
LCS 280-349720/2-A	Lab Control Sample	111	113	108	112	107	113
LCS 280-349929/2-A	Lab Control Sample	106	81	97	97	102	102
LCSD 280-349720/3-A	Lab Control Sample Dup	96	103	97	101	100	104
MB 280-349720/1-A	Method Blank	107	108	106	109	104	111
MB 280-349929/1-A	Method Blank	101	63	83	79	89	98

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPH = Terphenyl-d14

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		NBZ (48-130)
280-90331-1	SW1016-SWB001	69
280-90331-1 - DL	SW1016-SWB001	68 D
280-90331-2	SW1016-SWF001	69
280-90331-2 - DL	SW1016-SWF001	79 D
280-90331-3	SW1016-SWI001	74
280-90331-3 - DL	SW1016-SWI001	74 D
280-90331-3 MS	SW1016-SWI001	72
280-90331-3 MS - DL	SW1016-SWI001	77 D
280-90331-3 MSD	SW1016-SWI001	80
280-90331-3 MSD - DL	SW1016-SWI001	83 D
280-90331-4	SW1016-SWI001-DUP	85
280-90331-4 - DL	SW1016-SWI001-DUP	72 D
280-90331-5	SW1016-SWK001	67
280-90331-5 - DL	SW1016-SWK001	73 D
280-90331-6	SW1016-EB001	80

TestAmerica Denver

Surrogate Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	NBZ (48-130)
280-90331-7	SW1016-SWI001-Z	79
280-90331-7 - DL	SW1016-SWI001-Z	75 D
280-90331-9	SW1016-SWK001-Z	83
280-90331-9 - DL	SW1016-SWK001-Z	87 D
280-90331-10	SW1016-EB001-Z	76
280-90331-11	SW1016-SWB001-Z	77
280-90331-11 - DL	SW1016-SWB001-Z	74 D
280-90331-12	SW1016-SWF001-Z	64
280-90331-12 - DL	SW1016-SWF001-Z	71 D
280-90331-13	SW1016-LAB-EB-Z	74
LCS 280-349734/2-A	Lab Control Sample	58
LCS 280-349977/2-A	Lab Control Sample	81
LCSD 280-349734/3-A	Lab Control Sample Dup	73
MB 280-349734/1-A	Method Blank	71
MB 280-349977/1-A	Method Blank	89

Surrogate Legend

NBZ = Nitrobenzene-d5

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 280-349720/1-A

Matrix: Water

Analysis Batch: 351730

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 349720

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.24	U	5.0	0.24	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.33	U	5.0	0.33	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.41	U	5.0	0.41	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.39	U	5.0	0.39	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.45	U	5.0	0.45	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.42	U	5.0	0.42	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.38	U	5.0	0.38	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.76	U	5.0	0.76	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.22	U	5.0	0.22	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.26	U	5.0	0.26	ug/L		11/03/16 15:11	11/16/16 12:12	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.27	U	5.0	0.27	ug/L		11/03/16 15:11	11/16/16 12:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	107		48 - 135	11/03/16 15:11	11/16/16 12:12	1
2-Fluorobiphenyl	108		48 - 135	11/03/16 15:11	11/16/16 12:12	1
2-Fluorophenol	106		41 - 135	11/03/16 15:11	11/16/16 12:12	1
Nitrobenzene-d5	109		42 - 135	11/03/16 15:11	11/16/16 12:12	1
Phenol-d5	104		46 - 135	11/03/16 15:11	11/16/16 12:12	1
Terphenyl-d14	111		20 - 135	11/03/16 15:11	11/16/16 12:12	1

Lab Sample ID: LCS 280-349720/2-A

Matrix: Water

Analysis Batch: 351730

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 349720

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2-Dimethyl-3,4-Dinitrobenzene	50.0	62.1		ug/L		124	50 - 135
1,2-Dimethyl-3,5-Dinitrobenzene	51.3	62.8		ug/L		123	50 - 135
1,2-Dimethyl-3,6-Dinitrobenzene	50.0	61.1		ug/L		122	50 - 135
1,2-Dimethyl-4,5-Dinitrobenzene	50.0	59.6		ug/L		119	50 - 135
1,3-Dimethyl-2,4-Dinitrobenzene	50.0	59.0		ug/L		118	50 - 135
1,3-Dimethyl-2,5-Dinitrobenzene	50.0	59.2		ug/L		118	50 - 135
1,4-Dimethyl-2,3-Dinitrobenzene	50.0	61.3		ug/L		123	50 - 135
1,4-Dimethyl-2,5-Dinitrobenzene	50.0	60.1		ug/L		120	50 - 135
1,4-Dimethyl-2,6-Dinitrobenzene	50.0	56.9		ug/L		114	50 - 135
1,5-Dimethyl-2,3-Dinitrobenzene	50.0	61.3		ug/L		123	50 - 135
1,5-Dimethyl-2,4-Dinitrobenzene	50.0	58.4		ug/L		117	50 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	111		48 - 135
2-Fluorobiphenyl	113		48 - 135
2-Fluorophenol	108		41 - 135
Nitrobenzene-d5	112		42 - 135
Phenol-d5	107		46 - 135
Terphenyl-d14	113		20 - 135

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 280-349720/3-A

Matrix: Water

Analysis Batch: 351730

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 349720

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
1,2-Dimethyl-3,4-Dinitrobenzene	50.0	56.4		ug/L		113	50 - 135	10	30
1,2-Dimethyl-3,5-Dinitrobenzene	51.3	57.9		ug/L		113	50 - 135	8	30
1,2-Dimethyl-3,6-Dinitrobenzene	50.0	56.7		ug/L		113	50 - 135	7	30
1,2-Dimethyl-4,5-Dinitrobenzene	50.0	53.5		ug/L		107	50 - 135	11	30
1,3-Dimethyl-2,4-Dinitrobenzene	50.0	54.4		ug/L		109	50 - 135	8	30
1,3-Dimethyl-2,5-Dinitrobenzene	50.0	54.3		ug/L		109	50 - 135	9	30
1,4-Dimethyl-2,3-Dinitrobenzene	50.0	55.3		ug/L		111	50 - 135	10	30
1,4-Dimethyl-2,5-Dinitrobenzene	50.0	55.7		ug/L		111	50 - 135	8	30
1,4-Dimethyl-2,6-Dinitrobenzene	50.0	53.4		ug/L		107	50 - 135	6	30
1,5-Dimethyl-2,3-Dinitrobenzene	50.0	56.7		ug/L		113	50 - 135	8	30
1,5-Dimethyl-2,4-Dinitrobenzene	50.0	53.5		ug/L		107	50 - 135	9	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	96		48 - 135
2-Fluorobiphenyl	103		48 - 135
2-Fluorophenol	97		41 - 135
Nitrobenzene-d5	101		42 - 135
Phenol-d5	100		46 - 135
Terphenyl-d14	104		20 - 135

Lab Sample ID: MB 280-349929/1-A

Matrix: Water

Analysis Batch: 351730

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 349929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dimethyl-3,4-Dinitrobenzene	0.24	U	5.0	0.24	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,2-Dimethyl-3,5-Dinitrobenzene	0.33	U	5.0	0.33	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,2-Dimethyl-3,6-Dinitrobenzene	0.41	U	5.0	0.41	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,2-Dimethyl-4,5-Dinitrobenzene	0.39	U	5.0	0.39	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,3-Dimethyl-2,4-Dinitrobenzene	0.45	U	5.0	0.45	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,3-Dimethyl-2,5-Dinitrobenzene	0.42	U	5.0	0.42	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,4-Dimethyl-2,3-Dinitrobenzene	0.38	U	5.0	0.38	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,4-Dimethyl-2,5-Dinitrobenzene	0.76	U	5.0	0.76	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,4-Dimethyl-2,6-Dinitrobenzene	0.22	U	5.0	0.22	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,5-Dimethyl-2,3-Dinitrobenzene	0.26	U	5.0	0.26	ug/L		11/04/16 14:40	11/16/16 13:24	1
1,5-Dimethyl-2,4-Dinitrobenzene	0.27	U	5.0	0.27	ug/L		11/04/16 14:40	11/16/16 13:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		48 - 135	11/04/16 14:40	11/16/16 13:24	1
2-Fluorobiphenyl	63		48 - 135	11/04/16 14:40	11/16/16 13:24	1
2-Fluorophenol	83		41 - 135	11/04/16 14:40	11/16/16 13:24	1
Nitrobenzene-d5	79		42 - 135	11/04/16 14:40	11/16/16 13:24	1
Phenol-d5	89		46 - 135	11/04/16 14:40	11/16/16 13:24	1
Terphenyl-d14	98		20 - 135	11/04/16 14:40	11/16/16 13:24	1

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-349929/2-A

Matrix: Water

Analysis Batch: 351730

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 349929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2-Dimethyl-3,4-Dinitrobenzene	50.0	60.1		ug/L		120	50 - 135
1,2-Dimethyl-3,5-Dinitrobenzene	51.3	59.8		ug/L		117	50 - 135
1,2-Dimethyl-3,6-Dinitrobenzene	50.0	57.8		ug/L		116	50 - 135
1,2-Dimethyl-4,5-Dinitrobenzene	50.0	57.1		ug/L		114	50 - 135
1,3-Dimethyl-2,4-Dinitrobenzene	50.0	56.7		ug/L		113	50 - 135
1,3-Dimethyl-2,5-Dinitrobenzene	50.0	56.5		ug/L		113	50 - 135
1,4-Dimethyl-2,3-Dinitrobenzene	50.0	57.5		ug/L		115	50 - 135
1,4-Dimethyl-2,5-Dinitrobenzene	50.0	56.9		ug/L		114	50 - 135
1,4-Dimethyl-2,6-Dinitrobenzene	50.0	54.3		ug/L		109	50 - 135
1,5-Dimethyl-2,3-Dinitrobenzene	50.0	58.4		ug/L		117	50 - 135
1,5-Dimethyl-2,4-Dinitrobenzene	50.0	56.0		ug/L		112	50 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	106		48 - 135
2-Fluorobiphenyl	81		48 - 135
2-Fluorophenol	97		41 - 135
Nitrobenzene-d5	97		42 - 135
Phenol-d5	102		46 - 135
Terphenyl-d14	102		20 - 135

Lab Sample ID: 280-90331-3 MS

Matrix: Water

Analysis Batch: 351730

Client Sample ID: SW1016-SWI001

Prep Type: Total/NA

Prep Batch: 349929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1,2-Dimethyl-3,4-Dinitrobenzene	0.26	U	51.5	58.7		ug/L		114	50 - 135
1,2-Dimethyl-3,5-Dinitrobenzene	0.35	U	52.8	57.9		ug/L		110	50 - 135
1,2-Dimethyl-3,6-Dinitrobenzene	0.44	U	51.5	56.9		ug/L		110	50 - 135
1,2-Dimethyl-4,5-Dinitrobenzene	0.42	U	51.5	55.0		ug/L		107	50 - 135
1,3-Dimethyl-2,4-Dinitrobenzene	0.48	U	51.5	55.2		ug/L		107	50 - 135
1,3-Dimethyl-2,5-Dinitrobenzene	0.45	U	51.5	55.5		ug/L		108	50 - 135
1,4-Dimethyl-2,3-Dinitrobenzene	0.41	U	51.5	55.1		ug/L		107	50 - 135
1,4-Dimethyl-2,5-Dinitrobenzene	0.81	U	51.5	54.3		ug/L		105	50 - 135
1,4-Dimethyl-2,6-Dinitrobenzene	0.24	U	51.5	53.6		ug/L		104	50 - 135
1,5-Dimethyl-2,3-Dinitrobenzene	0.28	U	51.5	56.8		ug/L		110	50 - 135
1,5-Dimethyl-2,4-Dinitrobenzene	0.29	U	51.5	55.5		ug/L		108	50 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol	106		48 - 135
2-Fluorobiphenyl	72		48 - 135
2-Fluorophenol	71		41 - 135
Nitrobenzene-d5	76		42 - 135
Phenol-d5	77		46 - 135
Terphenyl-d14	93		20 - 135

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-90331-3 MSD

Matrix: Water

Analysis Batch: 351730

Client Sample ID: SW1016-SWI001

Prep Type: Total/NA

Prep Batch: 349929

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier							
1,2-Dimethyl-3,4-Dinitrobenzene	0.26	U	47.9	60.4		ug/L		126	50 - 135	3	30	
1,2-Dimethyl-3,5-Dinitrobenzene	0.35	U	49.1	60.1		ug/L		122	50 - 135	4	30	
1,2-Dimethyl-3,6-Dinitrobenzene	0.44	U	47.9	59.4		ug/L		124	50 - 135	4	30	
1,2-Dimethyl-4,5-Dinitrobenzene	0.42	U	47.9	57.5		ug/L		120	50 - 135	4	30	
1,3-Dimethyl-2,4-Dinitrobenzene	0.48	U	47.9	58.8		ug/L		123	50 - 135	6	30	
1,3-Dimethyl-2,5-Dinitrobenzene	0.45	U	47.9	57.6		ug/L		120	50 - 135	4	30	
1,4-Dimethyl-2,3-Dinitrobenzene	0.41	U	47.9	57.9		ug/L		121	50 - 135	5	30	
1,4-Dimethyl-2,5-Dinitrobenzene	0.81	U	47.9	56.2		ug/L		117	50 - 135	4	30	
1,4-Dimethyl-2,6-Dinitrobenzene	0.24	U	47.9	54.5		ug/L		114	50 - 135	2	30	
1,5-Dimethyl-2,3-Dinitrobenzene	0.28	U	47.9	59.6		ug/L		124	50 - 135	5	30	
1,5-Dimethyl-2,4-Dinitrobenzene	0.29	U	47.9	56.5		ug/L		118	50 - 135	2	30	

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	119		48 - 135
2-Fluorobiphenyl	95		48 - 135
2-Fluorophenol	93		41 - 135
Nitrobenzene-d5	105		42 - 135
Phenol-d5	101		46 - 135
Terphenyl-d14	103		20 - 135

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Lab Sample ID: MB 280-349734/1-A

Matrix: Water

Analysis Batch: 350398

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 349734

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,3,5-Trinitrobenzene	0.017	U	0.10	0.017	ug/L		11/03/16 18:53	11/08/16 14:26	1
1,3-Dinitrobenzene	0.014	U	0.10	0.014	ug/L		11/03/16 18:53	11/08/16 14:26	1
2,4,6-Trinitrotoluene	0.022	U	0.10	0.022	ug/L		11/03/16 18:53	11/08/16 14:26	1
2,4-Dinitrotoluene	0.019	U	0.10	0.019	ug/L		11/03/16 18:53	11/08/16 14:26	1
2,6-Dinitrotoluene	0.022	U	0.10	0.022	ug/L		11/03/16 18:53	11/08/16 14:26	1
2-Amino-4,6-dinitrotoluene	0.021	U	0.10	0.021	ug/L		11/03/16 18:53	11/08/16 14:26	1
2-Nitrotoluene	0.022	U	0.10	0.022	ug/L		11/03/16 18:53	11/08/16 14:26	1
3-Nitrotoluene	0.025	U	0.10	0.025	ug/L		11/03/16 18:53	11/08/16 14:26	1
4-Amino-2,6-dinitrotoluene	0.019	U	0.10	0.019	ug/L		11/03/16 18:53	11/08/16 14:26	1
4-Nitrotoluene	0.026	U	0.10	0.026	ug/L		11/03/16 18:53	11/08/16 14:26	1
HMX	0.019	U	0.10	0.019	ug/L		11/03/16 18:53	11/08/16 14:26	1
Nitrobenzene	0.033	U	0.10	0.033	ug/L		11/03/16 18:53	11/08/16 14:26	1
3,4-Dinitrotoluene	0.020	U	0.10	0.020	ug/L		11/03/16 18:53	11/08/16 14:26	1
2,3-Dinitrotoluene	0.015	U	0.10	0.015	ug/L		11/03/16 18:53	11/08/16 14:26	1
Nitroglycerin	0.045	U	0.14	0.045	ug/L		11/03/16 18:53	11/08/16 14:26	1
3,5-Dinitrotoluene	0.034	U	0.10	0.034	ug/L		11/03/16 18:53	11/08/16 14:26	1
PETN	0.018	U	0.10	0.018	ug/L		11/03/16 18:53	11/08/16 14:26	1
2,4,6-Trinitro-3-xylene	0.012	U	0.10	0.012	ug/L		11/03/16 18:53	11/08/16 14:26	1
RDX	0.021	U	0.10	0.021	ug/L		11/03/16 18:53	11/08/16 14:26	1
2,5-Dinitrotoluene	0.014	U	0.10	0.014	ug/L		11/03/16 18:53	11/08/16 14:26	1

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) (Continued)

Lab Sample ID: MB 280-349734/1-A
Matrix: Water
Analysis Batch: 350398

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 349734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetryl	0.021	U	0.10	0.021	ug/L		11/03/16 18:53	11/08/16 14:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	71		48 - 130	11/03/16 18:53	11/08/16 14:26	1

Lab Sample ID: LCS 280-349734/2-A
Matrix: Water
Analysis Batch: 350398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 349734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,3,5-Trinitrobenzene	0.500	0.371		ug/L		74	54 - 145
1,3-Dinitrobenzene	0.500	0.411		ug/L		82	68 - 131
2,4,6-Trinitrotoluene	0.500	0.319		ug/L		64	20 - 147
2,4-Dinitrotoluene	0.500	0.382		ug/L		76	66 - 130
2,6-Dinitrotoluene	0.500	0.413		ug/L		83	64 - 133
2-Amino-4,6-dinitrotoluene	0.500	0.442		ug/L		88	64 - 138
2-Nitrotoluene	0.500	0.345		ug/L		69	34 - 131
3-Nitrotoluene	0.500	0.316		ug/L		63	36 - 133
4-Amino-2,6-dinitrotoluene	0.500	0.401		ug/L		80	65 - 131
4-Nitrotoluene	0.500	0.348		ug/L		70	40 - 137
HMX	0.500	0.448		ug/L		90	56 - 134
Nitrobenzene	0.500	0.352		ug/L		70	42 - 141
3,4-Dinitrotoluene	0.501	0.392		ug/L		78	50 - 150
2,3-Dinitrotoluene	0.502	0.406		ug/L		81	50 - 150
Nitroglycerin	0.500	0.450		ug/L		90	37 - 147
3,5-Dinitrotoluene	0.500	0.369		ug/L		74	50 - 150
PETN	0.500	0.490		ug/L		98	10 - 198
2,4,6-Trinitro-3-xylene	0.500	0.396		ug/L		79	50 - 150
RDX	0.500	0.461		ug/L		92	72 - 130
2,5-Dinitrotoluene	0.501	0.404		ug/L		81	50 - 150
Tetryl	0.500	0.381		ug/L		76	15 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	58		48 - 130

Lab Sample ID: LCSD 280-349734/3-A
Matrix: Water
Analysis Batch: 350398

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 349734

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,3,5-Trinitrobenzene	0.500	0.439		ug/L		88	54 - 145	17	57
1,3-Dinitrobenzene	0.500	0.468		ug/L		94	68 - 131	13	39
2,4,6-Trinitrotoluene	0.500	0.340		ug/L		68	20 - 147	6	68
2,4-Dinitrotoluene	0.500	0.423		ug/L		85	66 - 130	10	46
2,6-Dinitrotoluene	0.500	0.451		ug/L		90	64 - 133	9	44
2-Amino-4,6-dinitrotoluene	0.500	0.436		ug/L		87	64 - 138	1	41
2-Nitrotoluene	0.500	0.353		ug/L		71	34 - 131	2	68
3-Nitrotoluene	0.500	0.337		ug/L		67	36 - 133	7	89

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) (Continued)

Lab Sample ID: LCSD 280-349734/3-A
Matrix: Water
Analysis Batch: 350398

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 349734

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
4-Amino-2,6-dinitrotoluene	0.500	0.450		ug/L		90	65 - 131	12	36	
4-Nitrotoluene	0.500	0.371		ug/L		74	40 - 137	6	72	
HMX	0.500	0.427		ug/L		85	56 - 134	5	34	
Nitrobenzene	0.500	0.414		ug/L		83	42 - 141	16	58	
3,4-Dinitrotoluene	0.501	0.430		ug/L		86	50 - 150	9	30	
2,3-Dinitrotoluene	0.502	0.459		ug/L		91	50 - 150	12	30	
Nitroglycerin	0.500	0.514		ug/L		103	37 - 147	13	71	
3,5-Dinitrotoluene	0.500	0.401		ug/L		80	50 - 150	8	30	
PETN	0.500	0.500		ug/L		100	10 - 198	2	50	
2,4,6-Trinitro-3-xylene	0.500	0.461		ug/L		92	50 - 150	15	30	
RDX	0.500	0.467		ug/L		93	72 - 130	1	25	
2,5-Dinitrotoluene	0.501	0.458		ug/L		91	50 - 150	12	50	
Tetryl	0.500	0.449		ug/L		90	15 - 134	16	51	

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Nitrobenzene-d5	73		48 - 130

Lab Sample ID: MB 280-349977/1-A
Matrix: Water
Analysis Batch: 350399

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 349977

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,3,5-Trinitrobenzene	0.017	U	0.10	0.017	ug/L		11/04/16 17:26	11/08/16 21:57	1
1,3-Dinitrobenzene	0.014	U	0.10	0.014	ug/L		11/04/16 17:26	11/08/16 21:57	1
2,4,6-Trinitrotoluene	0.022	U	0.10	0.022	ug/L		11/04/16 17:26	11/08/16 21:57	1
2,4-Dinitrotoluene	0.019	U	0.10	0.019	ug/L		11/04/16 17:26	11/08/16 21:57	1
2,6-Dinitrotoluene	0.022	U	0.10	0.022	ug/L		11/04/16 17:26	11/08/16 21:57	1
2-Amino-4,6-dinitrotoluene	0.021	U	0.10	0.021	ug/L		11/04/16 17:26	11/08/16 21:57	1
2-Nitrotoluene	0.022	U	0.10	0.022	ug/L		11/04/16 17:26	11/08/16 21:57	1
3-Nitrotoluene	0.025	U	0.10	0.025	ug/L		11/04/16 17:26	11/08/16 21:57	1
4-Amino-2,6-dinitrotoluene	0.019	U	0.10	0.019	ug/L		11/04/16 17:26	11/08/16 21:57	1
4-Nitrotoluene	0.026	U	0.10	0.026	ug/L		11/04/16 17:26	11/08/16 21:57	1
HMX	0.019	U	0.10	0.019	ug/L		11/04/16 17:26	11/08/16 21:57	1
Nitrobenzene	0.033	U	0.10	0.033	ug/L		11/04/16 17:26	11/08/16 21:57	1
3,4-Dinitrotoluene	0.020	U	0.10	0.020	ug/L		11/04/16 17:26	11/08/16 21:57	1
2,3-Dinitrotoluene	0.015	U	0.10	0.015	ug/L		11/04/16 17:26	11/08/16 21:57	1
Nitroglycerin	0.045	U	0.14	0.045	ug/L		11/04/16 17:26	11/08/16 21:57	1
3,5-Dinitrotoluene	0.034	U	0.10	0.034	ug/L		11/04/16 17:26	11/08/16 21:57	1
PETN	0.018	U	0.10	0.018	ug/L		11/04/16 17:26	11/08/16 21:57	1
2,4,6-Trinitro-3-xylene	0.012	U	0.10	0.012	ug/L		11/04/16 17:26	11/08/16 21:57	1
RDX	0.021	U	0.10	0.021	ug/L		11/04/16 17:26	11/08/16 21:57	1
2,5-Dinitrotoluene	0.014	U	0.10	0.014	ug/L		11/04/16 17:26	11/08/16 21:57	1
Tetryl	0.021	U	0.10	0.021	ug/L		11/04/16 17:26	11/08/16 21:57	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	89		48 - 130	11/04/16 17:26	11/08/16 21:57	1

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) (Continued)

Lab Sample ID: LCS 280-349977/2-A

Matrix: Water

Analysis Batch: 350399

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 349977

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,3,5-Trinitrobenzene	0.500	0.447		ug/L		89	54 - 145
1,3-Dinitrobenzene	0.500	0.532		ug/L		106	68 - 131
2,4,6-Trinitrotoluene	0.500	0.478		ug/L		96	20 - 147
2,4-Dinitrotoluene	0.500	0.455		ug/L		91	66 - 130
2,6-Dinitrotoluene	0.500	0.487		ug/L		97	64 - 133
2-Amino-4,6-dinitrotoluene	0.500	0.445		ug/L		89	64 - 138
2-Nitrotoluene	0.500	0.447		ug/L		89	34 - 131
3-Nitrotoluene	0.500	0.443		ug/L		89	36 - 133
4-Amino-2,6-dinitrotoluene	0.500	0.453		ug/L		91	65 - 131
4-Nitrotoluene	0.500	0.465		ug/L		93	40 - 137
HMX	0.500	0.487		ug/L		97	56 - 134
Nitrobenzene	0.500	0.484		ug/L		97	42 - 141
3,4-Dinitrotoluene	0.512	0.463		ug/L		90	50 - 150
2,3-Dinitrotoluene	0.514	0.466		ug/L		91	50 - 150
Nitroglycerin	0.500	0.491		ug/L		98	37 - 147
3,5-Dinitrotoluene	0.511	0.449		ug/L		88	50 - 150
PETN	0.500	0.509		ug/L		102	10 - 198
2,4,6-Trinitro-3-xylene	0.511	0.578		ug/L		113	50 - 150
RDX	0.500	0.572		ug/L		114	72 - 130
2,5-Dinitrotoluene	0.512	0.465		ug/L		91	50 - 150
Tetryl	0.500	0.615		ug/L		123	15 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	81		48 - 130

Lab Sample ID: 280-90331-3 MS

Matrix: Water

Analysis Batch: 350399

Client Sample ID: SW1016-SWI001

Prep Type: Total/NA

Prep Batch: 349977

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1,3,5-Trinitrobenzene	0.017	U	0.505	0.405		ug/L		80	41 - 138
1,3-Dinitrobenzene	0.014	U	0.505	0.530		ug/L		105	71 - 130
2,3-Dinitrotoluene	0.017	J	0.519	0.516		ug/L		96	50 - 150
2,4,6-Trinitro-3-xylene	0.012	U	0.517	0.487		ug/L		94	50 - 150
2,4,6-Trinitrotoluene	0.022	U	0.505	0.436		ug/L		86	24 - 139
2,4-Dinitrotoluene	0.069	J	0.505	0.533		ug/L		92	68 - 130
2,5-Dinitrotoluene	0.017	J	0.517	0.514		ug/L		96	50 - 150
2,6-Dinitrotoluene	0.22		0.505	0.687		ug/L		92	67 - 132
2-Amino-4,6-dinitrotoluene	0.17		0.505	0.584		ug/L		82	62 - 137
2-Nitrotoluene	0.59		0.505	0.977		ug/L		77	29 - 130
3,4-Dinitrotoluene	0.049	J	0.517	0.515		ug/L		90	50 - 150
3,5-Dinitrotoluene	0.034	U	0.517	0.440		ug/L		85	50 - 150
3-Nitrotoluene	0.025	U	0.505	0.381		ug/L		75	31 - 132
4-Amino-2,6-dinitrotoluene	0.35		0.505	0.778		ug/L		84	63 - 139
4-Nitrotoluene	0.026	U	0.505	0.419		ug/L		83	35 - 136
Nitrobenzene	0.033	U	0.505	0.453		ug/L		90	43 - 130
Nitroglycerin	0.045	U	0.505	0.505		ug/L		100	31 - 130
PETN	0.018	U	0.505	0.536		ug/L		106	19 - 191

TestAmerica Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) (Continued)

Lab Sample ID: 280-90331-3 MS

Matrix: Water

Analysis Batch: 350399

Client Sample ID: SW1016-SWI001

Prep Type: Total/NA

Prep Batch: 349977

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Tetryl	0.021	U	0.505	0.524		ug/L		104		10 - 130
Surrogate	%Recovery	MS Qualifier	Limits							
Nitrobenzene-d5	72		48 - 130							

Lab Sample ID: 280-90331-3 MSD

Matrix: Water

Analysis Batch: 350399

Client Sample ID: SW1016-SWI001

Prep Type: Total/NA

Prep Batch: 349977

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier							
1,3,5-Trinitrobenzene	0.017	U	0.528	0.421		ug/L		80		41 - 138	4	52
1,3-Dinitrobenzene	0.014	U	0.528	0.574		ug/L		109		71 - 130	8	30
2,3-Dinitrotoluene	0.017	J	0.543	0.534		ug/L		95		50 - 150	3	30
2,4,6-Trinitro-3-xylene	0.012	U	0.540	0.552		ug/L		102		50 - 150	13	30
2,4,6-Trinitrotoluene	0.022	U	0.528	0.535		ug/L		101		24 - 139	21	70
2,4-Dinitrotoluene	0.069	J	0.528	0.613		ug/L		103		68 - 130	14	27
2,5-Dinitrotoluene	0.017	J	0.541	0.532		ug/L		95		50 - 150	3	50
2,6-Dinitrotoluene	0.22		0.528	0.761		ug/L		102		67 - 132	10	46
2-Amino-4,6-dinitrotoluene	0.17		0.528	0.652		ug/L		91		62 - 137	11	52
2-Nitrotoluene	0.59		0.528	1.20		ug/L		115		29 - 130	20	67
3,4-Dinitrotoluene	0.049	J	0.541	0.559		ug/L		94		50 - 150	8	30
3,5-Dinitrotoluene	0.034	U	0.540	0.479		ug/L		89		50 - 150	8	30
3-Nitrotoluene	0.025	U	0.528	0.466		ug/L		88		31 - 132	20	75
4-Amino-2,6-dinitrotoluene	0.35		0.528	0.848		ug/L		94		63 - 139	9	68
4-Nitrotoluene	0.026	U	0.528	0.514		ug/L		97		35 - 136	20	70
Nitrobenzene	0.033	U	0.528	0.513		ug/L		97		43 - 130	12	55
Nitroglycerin	0.045	U	0.528	0.553		ug/L		105		31 - 130	9	62
PETN	0.018	U	0.528	0.515		ug/L		97		19 - 191	4	79
Tetryl	0.021	U	0.528	0.617		ug/L		117		10 - 130	16	58
Surrogate	%Recovery	MSD Qualifier	Limits									
Nitrobenzene-d5	80		48 - 130									

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) - DL

Lab Sample ID: 280-90331-3 MS

Matrix: Water

Analysis Batch: 350741

Client Sample ID: SW1016-SWI001

Prep Type: Total/NA

Prep Batch: 349977

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
HMX - DL	0.096	U	0.505	0.430	J	ug/L		85		33 - 130
RDX - DL	0.11	U	0.505	0.462	J	ug/L		91		72 - 130
Surrogate	%Recovery	MS Qualifier	Limits							
Nitrobenzene-d5 - DL	77	D	48 - 130							

TestAmerica Denver

QC Association Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

GC/MS Semi VOA

Prep Batch: 349720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90331-1	SW1016-SWB001	Total/NA	Water	3520C	
280-90331-2	SW1016-SWF001	Total/NA	Water	3520C	
280-90331-11	SW1016-SWB001-Z	Total/NA	Water	3520C	
280-90331-12	SW1016-SWF001-Z	Total/NA	Water	3520C	
280-90331-13	SW1016-LAB-EB-Z	Total/NA	Water	3520C	
MB 280-349720/1-A	Method Blank	Total/NA	Water	3520C	
LCS 280-349720/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 280-349720/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Prep Batch: 349929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90331-3	SW1016-SWI001	Total/NA	Water	3520C	
280-90331-4	SW1016-SWI001-DUP	Total/NA	Water	3520C	
280-90331-5	SW1016-SWK001	Total/NA	Water	3520C	
280-90331-6	SW1016-EB001	Total/NA	Water	3520C	
280-90331-7	SW1016-SWI001-Z	Total/NA	Water	3520C	
280-90331-9	SW1016-SWK001-Z	Total/NA	Water	3520C	
280-90331-10	SW1016-EB001-Z	Total/NA	Water	3520C	
MB 280-349929/1-A	Method Blank	Total/NA	Water	3520C	
LCS 280-349929/2-A	Lab Control Sample	Total/NA	Water	3520C	
280-90331-3 MS	SW1016-SWI001	Total/NA	Water	3520C	
280-90331-3 MSD	SW1016-SWI001	Total/NA	Water	3520C	

Analysis Batch: 351730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90331-1	SW1016-SWB001	Total/NA	Water	8270C	349720
280-90331-3	SW1016-SWI001	Total/NA	Water	8270C	349929
280-90331-4	SW1016-SWI001-DUP	Total/NA	Water	8270C	349929
280-90331-5	SW1016-SWK001	Total/NA	Water	8270C	349929
280-90331-6	SW1016-EB001	Total/NA	Water	8270C	349929
280-90331-7	SW1016-SWI001-Z	Total/NA	Water	8270C	349929
280-90331-9	SW1016-SWK001-Z	Total/NA	Water	8270C	349929
280-90331-10	SW1016-EB001-Z	Total/NA	Water	8270C	349929
280-90331-11	SW1016-SWB001-Z	Total/NA	Water	8270C	349720
280-90331-12	SW1016-SWF001-Z	Total/NA	Water	8270C	349720
280-90331-13	SW1016-LAB-EB-Z	Total/NA	Water	8270C	349720
MB 280-349720/1-A	Method Blank	Total/NA	Water	8270C	349720
MB 280-349929/1-A	Method Blank	Total/NA	Water	8270C	349929
LCS 280-349720/2-A	Lab Control Sample	Total/NA	Water	8270C	349720
LCS 280-349929/2-A	Lab Control Sample	Total/NA	Water	8270C	349929
LCS 280-349720/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	349720
280-90331-3 MS	SW1016-SWI001	Total/NA	Water	8270C	349929
280-90331-3 MSD	SW1016-SWI001	Total/NA	Water	8270C	349929

Analysis Batch: 352040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90331-2	SW1016-SWF001	Total/NA	Water	8270C	349720

TestAmerica Denver

QC Association Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

LCMS

Prep Batch: 349734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90331-1	SW1016-SWB001	Total/NA	Water	3535	
280-90331-1 - DL	SW1016-SWB001	Total/NA	Water	3535	
280-90331-2 - DL	SW1016-SWF001	Total/NA	Water	3535	
280-90331-2	SW1016-SWF001	Total/NA	Water	3535	
280-90331-11	SW1016-SWB001-Z	Total/NA	Water	3535	
280-90331-11 - DL	SW1016-SWB001-Z	Total/NA	Water	3535	
280-90331-12	SW1016-SWF001-Z	Total/NA	Water	3535	
280-90331-12 - DL	SW1016-SWF001-Z	Total/NA	Water	3535	
280-90331-13	SW1016-LAB-EB-Z	Total/NA	Water	3535	
MB 280-349734/1-A	Method Blank	Total/NA	Water	3535	
LCS 280-349734/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 280-349734/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Prep Batch: 349977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90331-3 - DL	SW1016-SWI001	Total/NA	Water	3535	
280-90331-3	SW1016-SWI001	Total/NA	Water	3535	
280-90331-4 - DL	SW1016-SWI001-DUP	Total/NA	Water	3535	
280-90331-4	SW1016-SWI001-DUP	Total/NA	Water	3535	
280-90331-5 - DL	SW1016-SWK001	Total/NA	Water	3535	
280-90331-5	SW1016-SWK001	Total/NA	Water	3535	
280-90331-6	SW1016-EB001	Total/NA	Water	3535	
280-90331-7	SW1016-SWI001-Z	Total/NA	Water	3535	
280-90331-7 - DL	SW1016-SWI001-Z	Total/NA	Water	3535	
280-90331-9 - DL	SW1016-SWK001-Z	Total/NA	Water	3535	
280-90331-9	SW1016-SWK001-Z	Total/NA	Water	3535	
280-90331-10	SW1016-EB001-Z	Total/NA	Water	3535	
MB 280-349977/1-A	Method Blank	Total/NA	Water	3535	
LCS 280-349977/2-A	Lab Control Sample	Total/NA	Water	3535	
280-90331-3 MS - DL	SW1016-SWI001	Total/NA	Water	3535	
280-90331-3 MS	SW1016-SWI001	Total/NA	Water	3535	
280-90331-3 MSD - DL	SW1016-SWI001	Total/NA	Water	3535	
280-90331-3 MSD	SW1016-SWI001	Total/NA	Water	3535	

Analysis Batch: 350398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90331-1	SW1016-SWB001	Total/NA	Water	8321A	349734
280-90331-1 - DL	SW1016-SWB001	Total/NA	Water	8321A	349734
280-90331-2	SW1016-SWF001	Total/NA	Water	8321A	349734
280-90331-2 - DL	SW1016-SWF001	Total/NA	Water	8321A	349734
280-90331-11	SW1016-SWB001-Z	Total/NA	Water	8321A	349734
280-90331-11 - DL	SW1016-SWB001-Z	Total/NA	Water	8321A	349734
280-90331-12	SW1016-SWF001-Z	Total/NA	Water	8321A	349734
280-90331-12 - DL	SW1016-SWF001-Z	Total/NA	Water	8321A	349734
280-90331-13	SW1016-LAB-EB-Z	Total/NA	Water	8321A	349734
MB 280-349734/1-A	Method Blank	Total/NA	Water	8321A	349734
LCS 280-349734/2-A	Lab Control Sample	Total/NA	Water	8321A	349734
LCSD 280-349734/3-A	Lab Control Sample Dup	Total/NA	Water	8321A	349734

TestAmerica Denver

QC Association Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

LCMS (Continued)

Analysis Batch: 350399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90331-3	SW1016-SWI001	Total/NA	Water	8321A	349977
280-90331-4	SW1016-SWI001-DUP	Total/NA	Water	8321A	349977
280-90331-5	SW1016-SWK001	Total/NA	Water	8321A	349977
280-90331-6	SW1016-EB001	Total/NA	Water	8321A	349977
280-90331-7	SW1016-SWI001-Z	Total/NA	Water	8321A	349977
280-90331-9	SW1016-SWK001-Z	Total/NA	Water	8321A	349977
280-90331-10	SW1016-EB001-Z	Total/NA	Water	8321A	349977
MB 280-349977/1-A	Method Blank	Total/NA	Water	8321A	349977
LCS 280-349977/2-A	Lab Control Sample	Total/NA	Water	8321A	349977
280-90331-3 MS	SW1016-SWI001	Total/NA	Water	8321A	349977
280-90331-3 MSD	SW1016-SWI001	Total/NA	Water	8321A	349977

Analysis Batch: 350741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-90331-3 - DL	SW1016-SWI001	Total/NA	Water	8321A	349977
280-90331-4 - DL	SW1016-SWI001-DUP	Total/NA	Water	8321A	349977
280-90331-5 - DL	SW1016-SWK001	Total/NA	Water	8321A	349977
280-90331-7 - DL	SW1016-SWI001-Z	Total/NA	Water	8321A	349977
280-90331-9 - DL	SW1016-SWK001-Z	Total/NA	Water	8321A	349977
280-90331-3 MS - DL	SW1016-SWI001	Total/NA	Water	8321A	349977
280-90331-3 MSD - DL	SW1016-SWI001	Total/NA	Water	8321A	349977

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWB001

Lab Sample ID: 280-90331-1

Date Collected: 10/27/16 16:30

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			1032.2 mL	1 mL	349720	11/03/16 15:11	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 17:00	DCK	TAL DEN
Total/NA	Prep	3535			1027.8 mL	5 mL	349734	11/03/16 18:53	DLW	TAL DEN
Total/NA	Analysis	8321A		1			350398	11/08/16 16:03	AGCM	TAL DEN
Total/NA	Prep	3535	DL		1027.8 mL	5 mL	349734	11/03/16 18:53	DLW	TAL DEN
Total/NA	Analysis	8321A	DL	10			350398	11/08/16 19:16	AGCM	TAL DEN

Client Sample ID: SW1016-SWF001

Lab Sample ID: 280-90331-2

Date Collected: 10/27/16 16:55

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			983.5 mL	1 mL	349720	11/03/16 15:11	GLK	TAL DEN
Total/NA	Analysis	8270C		1			352040	11/17/16 23:01	DCK	TAL DEN
Total/NA	Prep	3535			540.2 mL	5 mL	349734	11/03/16 18:53	DLW	TAL DEN
Total/NA	Analysis	8321A		1			350398	11/08/16 16:35	AGCM	TAL DEN
Total/NA	Prep	3535	DL		540.2 mL	5 mL	349734	11/03/16 18:53	DLW	TAL DEN
Total/NA	Analysis	8321A	DL	10			350398	11/08/16 19:48	AGCM	TAL DEN

Client Sample ID: SW1016-SWI001

Lab Sample ID: 280-90331-3

Date Collected: 10/28/16 09:00

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			936.1 mL	1 mL	349929	11/04/16 14:40	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 19:00	DCK	TAL DEN
Total/NA	Prep	3535			989.3 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A		1			350399	11/08/16 23:02	AGCM	TAL DEN
Total/NA	Prep	3535	DL		989.3 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A	DL	5			350741	11/09/16 16:21	AGCM	TAL DEN

Client Sample ID: SW1016-SWI001-DUP

Lab Sample ID: 280-90331-4

Date Collected: 10/28/16 09:00

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			972.7 mL	1 mL	349929	11/04/16 14:40	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 20:11	DCK	TAL DEN
Total/NA	Prep	3535			978.7 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A		1			350399	11/09/16 00:39	AGCM	TAL DEN
Total/NA	Prep	3535	DL		978.7 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A	DL	5			350741	11/09/16 17:58	AGCM	TAL DEN

TestAmerica Denver

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-SWK001

Lab Sample ID: 280-90331-5

Date Collected: 10/28/16 10:45

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			1022 mL	1 mL	349929	11/04/16 14:40	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 20:35	DCK	TAL DEN
Total/NA	Prep	3535			1056.5 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A		1			350399	11/09/16 01:11	AGCM	TAL DEN
Total/NA	Prep	3535	DL		1056.5 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A	DL	10			350741	11/09/16 18:30	AGCM	TAL DEN

Client Sample ID: SW1016-EB001

Lab Sample ID: 280-90331-6

Date Collected: 10/28/16 11:10

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			1010.7 mL	1 mL	349929	11/04/16 14:40	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 20:59	DCK	TAL DEN
Total/NA	Prep	3535			1024.2 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A		1			350399	11/09/16 02:15	AGCM	TAL DEN

Client Sample ID: SW1016-SWI001-Z

Lab Sample ID: 280-90331-7

Date Collected: 10/28/16 09:00

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			827.3 mL	1 mL	349929	11/04/16 14:40	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 21:22	DCK	TAL DEN
Total/NA	Prep	3535			770.8 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A		1			350399	11/09/16 02:47	AGCM	TAL DEN
Total/NA	Prep	3535	DL		770.8 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A	DL	2			350741	11/09/16 19:02	AGCM	TAL DEN

Client Sample ID: SW1016-SWK001-Z

Lab Sample ID: 280-90331-9

Date Collected: 10/28/16 10:45

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			969.5 mL	1 mL	349929	11/04/16 14:40	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 21:46	DCK	TAL DEN
Total/NA	Prep	3535			986.1 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A		1			350399	11/09/16 03:19	AGCM	TAL DEN
Total/NA	Prep	3535	DL		986.1 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A	DL	10			350741	11/09/16 19:34	AGCM	TAL DEN

TestAmerica Denver

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Client Sample ID: SW1016-EB001-Z

Lab Sample ID: 280-90331-10

Date Collected: 10/28/16 11:10

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			1036.8 mL	1 mL	349929	11/04/16 14:40	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 22:10	DCK	TAL DEN
Total/NA	Prep	3535			810.8 mL	5 mL	349977	11/04/16 17:26	CDC	TAL DEN
Total/NA	Analysis	8321A		1			350399	11/09/16 03:51	AGCM	TAL DEN

Client Sample ID: SW1016-SWB001-Z

Lab Sample ID: 280-90331-11

Date Collected: 10/27/16 16:30

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			984.3 mL	1 mL	349720	11/03/16 15:11	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 17:48	DCK	TAL DEN
Total/NA	Prep	3535			1022 mL	5 mL	349734	11/03/16 18:53	DLW	TAL DEN
Total/NA	Analysis	8321A		1			350398	11/08/16 17:07	AGCM	TAL DEN
Total/NA	Prep	3535	DL		1022 mL	5 mL	349734	11/03/16 18:53	DLW	TAL DEN
Total/NA	Analysis	8321A	DL	10			350398	11/08/16 20:21	AGCM	TAL DEN

Client Sample ID: SW1016-SWF001-Z

Lab Sample ID: 280-90331-12

Date Collected: 10/27/16 16:55

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			940.3 mL	1 mL	349720	11/03/16 15:11	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 18:12	DCK	TAL DEN
Total/NA	Prep	3535			592.1 mL	5 mL	349734	11/03/16 18:53	DLW	TAL DEN
Total/NA	Analysis	8321A		1			350398	11/08/16 17:39	AGCM	TAL DEN
Total/NA	Prep	3535	DL		592.1 mL	5 mL	349734	11/03/16 18:53	DLW	TAL DEN
Total/NA	Analysis	8321A	DL	10			350398	11/08/16 20:53	AGCM	TAL DEN

Client Sample ID: SW1016-LAB-EB-Z

Lab Sample ID: 280-90331-13

Date Collected: 10/28/16 00:00

Matrix: Water

Date Received: 10/29/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			1013.8 mL	1 mL	349720	11/03/16 15:11	GLK	TAL DEN
Total/NA	Analysis	8270C		1			351730	11/16/16 18:36	DCK	TAL DEN
Total/NA	Prep	3535			1042.6 mL	5 mL	349734	11/03/16 18:53	DLW	TAL DEN
Total/NA	Analysis	8321A		1			350398	11/08/16 18:11	AGCM	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Certification Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Barksdale

TestAmerica Job ID: 280-90331-1

Laboratory: TestAmerica Denver

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999615430	08-31-17

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Login Sample Receipt Checklist

Client: Chemours Company FC, LLC The

Job Number: 280-90331-1

Login Number: 90331

List Source: TestAmerica Denver

List Number: 1

Creator: Johnston, Michelle A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



DVM Narrative Report

Site: Barksdale Works

Sampling Program: SURFACE WATER RUN-OFF SAMPLES

Validation Options: LABSTATS

Validation Reason Code: Contamination detected in equipment blank(s). ²⁰¹⁶ Sample result does not differ significantly from the analyte concentration detected in the associated equipment blank(s).

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SW1016-SWI001-Z	10/28/2016	280-90331-7	2,4-Dinitrotoluene	0.083	UG/L	MDL	0.025	0.13	B	8321A		3535
SW1016-SWK001-Z	10/28/2016	280-90331-9	2,4-Dinitrotoluene	0.019	UG/L	MDL	0.019	0.10	B	8321A		3535

Validation Reason Code: The result is estimated since the concentration is ²⁰¹⁶ between the method detection limit and practical quantitation limit.

Field Sample ID	Date Sampled	Lab Sample ID	Analyte	Result	Units	Type	MDL	PQL	Validation Qualifier	Analytical Method	Pre-prep	Prep
SW1016-SWI001-Z	10/28/2016	280-90331-7	3,4-Dinitrotoluene	0.038	UG/L	MDL	0.026	0.13	J	8321A		3535
SW1016-LAB-EB-Z	10/28/2016	280-90331-13	2,4-Dinitrotoluene	0.030	UG/L	MDL	0.018	0.096	J	8321A		3535
SW1016-SWI001	10/28/2016	280-90331-3	2,4-Dinitrotoluene	0.069	UG/L	MDL	0.019	0.10	J	8321A		3535
SW1016-SWI001	10/28/2016	280-90331-3	2,3-Dinitrotoluene	0.017	UG/L	MDL	0.015	0.10	J	8321A		3535
SW1016-SWI001	10/28/2016	280-90331-3	3,4-Dinitrotoluene	0.049	UG/L	MDL	0.020	0.10	J	8321A		3535
SW1016-SWI001	10/28/2016	280-90331-3	2,5-Dinitrotoluene	0.017	UG/L	MDL	0.014	0.10	J	8321A		3535
SW1016-SWI001-DUP	10/28/2016	280-90331-4	2,4-Dinitrotoluene	0.068	UG/L	MDL	0.019	0.10	J	8321A		3535
SW1016-SWI001-DUP	10/28/2016	280-90331-4	2,3-Dinitrotoluene	0.019	UG/L	MDL	0.015	0.10	J	8321A		3535
SW1016-SWI001-DUP	10/28/2016	280-90331-4	3,4-Dinitrotoluene	0.052	UG/L	MDL	0.020	0.10	J	8321A		3535
SW1016-SWI001-DUP	10/28/2016	280-90331-4	2,5-Dinitrotoluene	0.019	UG/L	MDL	0.014	0.10	J	8321A		3535