State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (R 06/17)

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than $10 nor more than $5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from **(check one)**:

- (●) Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- ( ) Aboveground Petroleum Storage Tank System
- ( ) Dry Cleaner Facility
- ( ) Other - Describe: _____

ATTN DNR: **R & R Program Associate** Date DNR Notified: 09/20/2017

1. Discharge Reported By

Name	Firm	Phone Number (include area code)
Erica Klingfus	MSA Professional Services	(218) 499-3171

Mailing Address	Email
332 W. Superior St., Ste. 600	eklingfus@msa-ps.com

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property.

South Shore C-Store

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60.

14770 State Highway 13

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.

Herbster

County	Legal Description:	WTM:
Bayfield	SE ¼ of SE ¼ Section 5, Town 50 N, Range 07 ( ) E (●) W	X 423682 Y 707366

3. Responsible Party (RP) and/or RP Representative

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

☐ A local governmental unit claiming an exemption from state Spill Law and Solid Waste Management responsibilities for the discharge being reported, per Wis. Stat. §§ 292.11(9)(e) and 292.23, should: 1) check this box; 2) review DNR publication RR-055; and 3) provide documentation to DNR that demonstrates compliance with the statutory requirements of the liability exemptions. Local governmental units may also request a fee-based liability clarification letter from DNR by using DNR Form 4400-237.

Contact Person Name (if different)	Phone Number	Email
Janine Hahn		

Mailing Address	City	State	ZIP Code
85780 Smith Drive	Herbster	WI	54844

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email

Mailing Address	City	State	ZIP Code

(continued)

4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- [x] VOCs
  - [ ] PCE
  - [ ] TCE
  - [ ] Other Chlorinated
  - [x] Diesel
  - [ ] Fuel Oil
  - [x] Gasoline
  - [ ] Hydraulic Oil
  - [ ] Jet Fuel

(VOCs continued)

- [ ] Mineral Oil
- [ ] Waste Oil
- [ ] Petroleum-Unknown Type
- [ ] PAHs
- [ ] PCBs
- [ ] Cyanide
- [ ] Leachate
- [ ] Manure

- [ ] Metals
  - [ ] Arsenic
  - [ ] Chromium
  - [ ] Lead
  - [ ] Other: _____
- [ ] Pesticides: _____
- [ ] Fertilizer: _____
- [ ] RCRA Hazardous Waste: _____
- [ ] Other: _____
- [ ] Unknown

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- ___ Air Contamination
- ___ Co-mingled (Petroleum & Non-Petroleum)
- ___ Contamination in Fractured Bedrock
- ___ Contamination Within 1 Meter of Bedrock
- ___ Contaminated Private Well
- ___ Contaminated Public Well
- ___ Contamination in Right of Way
- ___ Fire Explosion Threat
- ___ Free Product
- P Groundwater Contamination
- ___ Off-Site Contamination
- ___ Sanitary Sewer Contamination
- ___ Storm Sewer Contamination
- ___ Sediment Contamination
- K Soil Contamination
- ___ Soil Gas Contamination
- ___ Sub-slab Vapor Contamination
- ___ Surface Water Contamination
- ___ Within 100 ft of Private Well
- ___ Within 1000 ft of Public Well

Other (specify): _____

Contamination was discovered as a result of:

- [ ] Tank closure assessment Date _____
- [x] Site assessment Date 08/30/2017
- [ ] Other - Describe: _____ Date _____

Lab results: [ ] Lab results will be faxed upon receipt [x] Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.
The tanks were pumped and removed from the tank basin. The tank basin was backfilled with fill material brought on site.

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

For all confirmed releases from USTs occurring after 9/30/2007 please provide the following information:

Source

- [ ] Tank
- [ ] Piping
- [ ] Dispenser
- [ ] Submersible Turbine Pump
- [ ] Delivery Problem
- [ ] Does not apply.
- [x] Other (specify): _____

Cause

- [ ] Spill
- [ ] Overfill
- [ ] Corrosion
- [ ] Physical or Mechanical Damage
- [ ] Installation Problem
- [ ] Other (does not fit any of above)
- [x] Unknown

Contact information to report non-emergency releases in DNR's five regions are as follows:

Northeast Region (FAX: 920-662-5413); Attention -- R&R Program Associate: DNRRRNER@wisconsin.gov

Brown, Calumet, Door, Fond du Lac **(except City of Waupun - see South Central Region)**, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Sheboygan, Waupaca, Waushara, Winnebago counties

Northern Region (FAX: 715-623-6773); Attention -- R&R Program Associate: DNRRRNOR@wisconsin.gov

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties

South Central Region (FAX: 608-273-5610); Attention -- R&R Program Associate: DNRRRSCR@wisconsin.gov

Columbia, Dane, Dodge, Fond du Lac **(City of Waupun only)**, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, Walworth counties

Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate: DNRRRSER@wisconsin.gov

Kenosha, Milwaukee, Ozaukee, Racine, Washington, Waukesha counties

West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov

Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

ANALYTICAL REPORT

September 14, 2017

MSA Professional Services

Sample Delivery Group:	L933217
Samples Received:	08/31/2017
Project Number:	18764001
Description:	South Shore C-Store

Report To: Erica Klingfus
332 W. Superior Street, Suite 600
Duluth, MN 55802

Entire Report Reviewed By:

John Hawkins
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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S-1 L933217-01 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:00 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:00	09/03/17 16:10	ACG

S-2 L933217-02 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:04 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:04	09/03/17 16:34	ACG

S-3 L933217-03 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:06 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:06	09/03/17 16:57	ACG

S-4 L933217-04 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:10 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:10	09/03/17 17:21	ACG

S-5 L933217-05 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:14 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:14	09/03/17 17:44	ACG

S-6 L933217-06 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:16 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:16	09/03/17 18:08	ACG

S-7 L933217-07 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:20 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50.5	08/30/17 09:20	09/03/17 18:32	ACG

S-8 L933217-08 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:22 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:22	09/03/17 18:55	ACG

S-9 L933217-09 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:24 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:24	09/03/17 19:19	ACG

S-10 L933217-10 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:26 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017279	1	09/06/17 16:01	09/06/17 16:20	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:26	09/03/17 19:42	ACG

B-1 L933217-11 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:02 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B	WG1015989	100	08/30/17 09:02	09/03/17 20:06	ACG
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	1000	08/30/17 09:02	09/07/17 14:55	LRL

B-2 L933217-12 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:08 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	100	08/30/17 09:08	09/07/17 15:18	LRL

B-3 L933217-13 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:12 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B	WG1015989	62	08/30/17 09:12	09/03/17 20:53	ACG
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1015989	310	08/30/17 09:12	09/07/17 15:42	LRL

B-4 L933217-14 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:18 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:18	09/03/17 21:16	ACG

B-5 L933217-15 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:28 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:28	09/03/17 21:40	ACG

B-6 L933217-16 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 09:30 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 09:30	09/03/17 22:04	ACG

P-1 L933217-17 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 10:00 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 10:00	09/03/17 22:27	ACG

D-1 L933217-18 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 10:36 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 10:36	09/03/17 22:51	ACG

D-2 L933217-19 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 10:38 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 10:38	09/03/17 23:14	ACG

D-3 L933217-20 Solid

Collected by: Erica Klingfus | Collected date/time: 08/30/17 10:40 | Received date/time: 08/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1017280	1	09/07/17 09:31	09/07/17 09:45	MLW
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1015989	50	08/30/17 10:40	09/03/17 23:38	ACG

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

John Hawkins
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.1		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0294	50	09/03/2017 16:10	WG1015989
Toluene	ND		0.294	50	09/03/2017 16:10	WG1015989
Ethylbenzene	ND		0.0294	50	09/03/2017 16:10	WG1015989
m&p-Xylene	ND		0.0588	50	09/03/2017 16:10	WG1015989
o-Xylene	ND		0.0294	50	09/03/2017 16:10	WG1015989
Methyl tert-butyl ether	ND		0.0588	50	09/03/2017 16:10	WG1015989
Naphthalene	ND		0.294	50	09/03/2017 16:10	WG1015989
1,3,5-Trimethylbenzene	ND		0.0588	50	09/03/2017 16:10	WG1015989
1,2,4-Trimethylbenzene	ND		0.0588	50	09/03/2017 16:10	WG1015989
TPH (GC/FID) Low Fraction	ND		5.88	50	09/03/2017 16:10	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 16:10*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	72.8		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0343	50	09/03/2017 16:34	WG1015989
Toluene	ND		0.343	50	09/03/2017 16:34	WG1015989
Ethylbenzene	ND		0.0343	50	09/03/2017 16:34	WG1015989
m&p-Xylene	0.0910	B	0.0687	50	09/03/2017 16:34	WG1015989
o-Xylene	ND		0.0343	50	09/03/2017 16:34	WG1015989
Methyl tert-butyl ether	0.0716		0.0687	50	09/03/2017 16:34	WG1015989
Naphthalene	ND		0.343	50	09/03/2017 16:34	WG1015989
1,3,5-Trimethylbenzene	ND		0.0687	50	09/03/2017 16:34	WG1015989
1,2,4-Trimethylbenzene	0.116		0.0687	50	09/03/2017 16:34	WG1015989
TPH (GC/FID) Low Fraction	ND		6.87	50	09/03/2017 16:34	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 16:34*	WG1015989

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.1		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	0.0287	B	0.0268	50	09/03/2017 16:57	WG1015989
Toluene	0.594		0.268	50	09/03/2017 16:57	WG1015989
Ethylbenzene	0.425		0.0268	50	09/03/2017 16:57	WG1015989
m&p-Xylene	3.77		0.0537	50	09/03/2017 16:57	WG1015989
o-Xylene	1.94		0.0268	50	09/03/2017 16:57	WG1015989
Methyl tert-butyl ether	0.101		0.0537	50	09/03/2017 16:57	WG1015989
Naphthalene	0.304		0.268	50	09/03/2017 16:57	WG1015989
1,3,5-Trimethylbenzene	1.87		0.0537	50	09/03/2017 16:57	WG1015989
1,2,4-Trimethylbenzene	5.86		0.0537	50	09/03/2017 16:57	WG1015989
TPH (GC/FID) Low Fraction	90.2		5.37	50	09/03/2017 16:57	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*106*		*80.0-200*		*09/03/2017 16:57*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.0		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0291	50	09/03/2017 17:21	WG1015989
Toluene	ND		0.291	50	09/03/2017 17:21	WG1015989
Ethylbenzene	ND		0.0291	50	09/03/2017 17:21	WG1015989
m&p-Xylene	ND		0.0581	50	09/03/2017 17:21	WG1015989
o-Xylene	ND		0.0291	50	09/03/2017 17:21	WG1015989
Methyl tert-butyl ether	ND		0.0581	50	09/03/2017 17:21	WG1015989
Naphthalene	ND		0.291	50	09/03/2017 17:21	WG1015989
1,3,5-Trimethylbenzene	ND		0.0581	50	09/03/2017 17:21	WG1015989
1,2,4-Trimethylbenzene	0.0676		0.0581	50	09/03/2017 17:21	WG1015989
TPH (GC/FID) Low Fraction	ND		5.81	50	09/03/2017 17:21	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 17:21*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.3		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0300	50	09/03/2017 17:44	WG1015989
Toluene	ND		0.300	50	09/03/2017 17:44	WG1015989
Ethylbenzene	ND		0.0300	50	09/03/2017 17:44	WG1015989
m&p-Xylene	ND		0.0601	50	09/03/2017 17:44	WG1015989
o-Xylene	ND		0.0300	50	09/03/2017 17:44	WG1015989
Methyl tert-butyl ether	0.0603		0.0601	50	09/03/2017 17:44	WG1015989
Naphthalene	ND		0.300	50	09/03/2017 17:44	WG1015989
1,3,5-Trimethylbenzene	ND		0.0601	50	09/03/2017 17:44	WG1015989
1,2,4-Trimethylbenzene	ND		0.0601	50	09/03/2017 17:44	WG1015989
TPH (GC/FID) Low Fraction	ND		6.01	50	09/03/2017 17:44	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 17:44*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	74.6		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0335	50	09/03/2017 18:08	WG1015989
Toluene	ND		0.335	50	09/03/2017 18:08	WG1015989
Ethylbenzene	ND		0.0335	50	09/03/2017 18:08	WG1015989
m&p-Xylene	ND		0.0671	50	09/03/2017 18:08	WG1015989
o-Xylene	ND		0.0335	50	09/03/2017 18:08	WG1015989
Methyl tert-butyl ether	ND		0.0671	50	09/03/2017 18:08	WG1015989
Naphthalene	ND		0.335	50	09/03/2017 18:08	WG1015989
1,3,5-Trimethylbenzene	ND		0.0671	50	09/03/2017 18:08	WG1015989
1,2,4-Trimethylbenzene	ND		0.0671	50	09/03/2017 18:08	WG1015989
TPH (GC/FID) Low Fraction	ND		6.71	50	09/03/2017 18:08	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 18:08*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.2		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0307	50.5	09/03/2017 18:32	WG1015989
Toluene	ND		0.307	50.5	09/03/2017 18:32	WG1015989
Ethylbenzene	ND		0.0307	50.5	09/03/2017 18:32	WG1015989
m&p-Xylene	ND		0.0614	50.5	09/03/2017 18:32	WG1015989
o-Xylene	ND		0.0307	50.5	09/03/2017 18:32	WG1015989
Methyl tert-butyl ether	ND		0.0614	50.5	09/03/2017 18:32	WG1015989
Naphthalene	ND		0.307	50.5	09/03/2017 18:32	WG1015989
1,3,5-Trimethylbenzene	ND		0.0614	50.5	09/03/2017 18:32	WG1015989
1,2,4-Trimethylbenzene	ND		0.0614	50.5	09/03/2017 18:32	WG1015989
TPH (GC/FID) Low Fraction	ND		6.14	50.5	09/03/2017 18:32	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 18:32*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.9		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0302	50	09/03/2017 18:55	WG1015989
Toluene	ND		0.302	50	09/03/2017 18:55	WG1015989
Ethylbenzene	ND		0.0302	50	09/03/2017 18:55	WG1015989
m&p-Xylene	ND		0.0603	50	09/03/2017 18:55	WG1015989
o-Xylene	ND		0.0302	50	09/03/2017 18:55	WG1015989
Methyl tert-butyl ether	ND		0.0603	50	09/03/2017 18:55	WG1015989
Naphthalene	ND		0.302	50	09/03/2017 18:55	WG1015989
1,3,5-Trimethylbenzene	ND		0.0603	50	09/03/2017 18:55	WG1015989
1,2,4-Trimethylbenzene	ND		0.0603	50	09/03/2017 18:55	WG1015989
TPH (GC/FID) Low Fraction	ND		6.03	50	09/03/2017 18:55	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 18:55*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.2		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0263	50	09/03/2017 19:19	WG1015989
Toluene	ND		0.263	50	09/03/2017 19:19	WG1015989
Ethylbenzene	ND		0.0263	50	09/03/2017 19:19	WG1015989
m&p-Xylene	ND		0.0525	50	09/03/2017 19:19	WG1015989
o-Xylene	ND		0.0263	50	09/03/2017 19:19	WG1015989
Methyl tert-butyl ether	ND		0.0525	50	09/03/2017 19:19	WG1015989
Naphthalene	ND		0.263	50	09/03/2017 19:19	WG1015989
1,3,5-Trimethylbenzene	ND		0.0525	50	09/03/2017 19:19	WG1015989
1,2,4-Trimethylbenzene	ND		0.0525	50	09/03/2017 19:19	WG1015989
TPH (GC/FID) Low Fraction	ND		5.25	50	09/03/2017 19:19	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*103*		*80.0-200*		*09/03/2017 19:19*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.7		1	09/06/2017 16:20	WG1017279

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0261	50	09/03/2017 19:42	WG1015989
Toluene	ND		0.261	50	09/03/2017 19:42	WG1015989
Ethylbenzene	ND		0.0261	50	09/03/2017 19:42	WG1015989
m&p-Xylene	ND		0.0523	50	09/03/2017 19:42	WG1015989
o-Xylene	ND		0.0261	50	09/03/2017 19:42	WG1015989
Methyl tert-butyl ether	ND		0.0523	50	09/03/2017 19:42	WG1015989
Naphthalene	ND		0.261	50	09/03/2017 19:42	WG1015989
1,3,5-Trimethylbenzene	ND		0.0523	50	09/03/2017 19:42	WG1015989
1,2,4-Trimethylbenzene	ND		0.0523	50	09/03/2017 19:42	WG1015989
TPH (GC/FID) Low Fraction	ND		5.23	50	09/03/2017 19:42	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 19:42*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.4		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	0.153		0.0622	100	09/03/2017 20:06	WG1015989
Toluene	0.800		0.622	100	09/03/2017 20:06	WG1015989
Ethylbenzene	1.85		0.0622	100	09/03/2017 20:06	WG1015989
m&p-Xylene	38.0		0.124	100	09/03/2017 20:06	WG1015989
o-Xylene	23.7		0.0622	100	09/03/2017 20:06	WG1015989
Methyl tert-butyl ether	ND		0.124	100	09/03/2017 20:06	WG1015989
Naphthalene	3.91		0.622	100	09/03/2017 20:06	WG1015989
1,3,5-Trimethylbenzene	18.5		0.124	100	09/03/2017 20:06	WG1015989
1,2,4-Trimethylbenzene	78.3		1.24	1000	09/07/2017 14:55	WG1015989
TPH (GC/FID) Low Fraction	1150		124	1000	09/07/2017 14:55	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*117*		*80.0-200*		*09/03/2017 20:06*	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*104*		*80.0-200*		*09/07/2017 14:55*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.7		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0628	100	09/07/2017 15:18	WG1015989
Toluene	ND		0.628	100	09/07/2017 15:18	WG1015989
Ethylbenzene	ND		0.0628	100	09/07/2017 15:18	WG1015989
m&p-Xylene	0.457		0.126	100	09/07/2017 15:18	WG1015989
o-Xylene	0.415		0.0628	100	09/07/2017 15:18	WG1015989
Methyl tert-butyl ether	ND		0.126	100	09/07/2017 15:18	WG1015989
Naphthalene	ND		0.628	100	09/07/2017 15:18	WG1015989
1,3,5-Trimethylbenzene	0.584		0.126	100	09/07/2017 15:18	WG1015989
1,2,4-Trimethylbenzene	1.58		0.126	100	09/07/2017 15:18	WG1015989
TPH (GC/FID) Low Fraction	16.7		12.6	100	09/07/2017 15:18	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*103*		*80.0-200*		*09/07/2017 15:18*	WG1015989

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.9		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0383	62	09/03/2017 20:53	WG1015989
Toluene	ND		0.383	62	09/03/2017 20:53	WG1015989
Ethylbenzene	0.402		0.0383	62	09/03/2017 20:53	WG1015989
m&p-Xylene	1.06		0.0766	62	09/03/2017 20:53	WG1015989
o-Xylene	0.455		0.0383	62	09/03/2017 20:53	WG1015989
Methyl tert-butyl ether	0.106		0.0766	62	09/03/2017 20:53	WG1015989
Naphthalene	ND		0.383	62	09/03/2017 20:53	WG1015989
1,3,5-Trimethylbenzene	5.82		0.0766	62	09/03/2017 20:53	WG1015989
1,2,4-Trimethylbenzene	4.62		0.0766	62	09/03/2017 20:53	WG1015989
TPH (GC/FID) Low Fraction	329		38.3	310	09/07/2017 15:42	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 20:53*	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/07/2017 15:42*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.7		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0288	50	09/03/2017 21:16	WG1015989
Toluene	ND		0.288	50	09/03/2017 21:16	WG1015989
Ethylbenzene	ND		0.0288	50	09/03/2017 21:16	WG1015989
m&p-Xylene	ND		0.0577	50	09/03/2017 21:16	WG1015989
o-Xylene	ND		0.0288	50	09/03/2017 21:16	WG1015989
Methyl tert-butyl ether	0.0634		0.0577	50	09/03/2017 21:16	WG1015989
Naphthalene	ND		0.288	50	09/03/2017 21:16	WG1015989
1,3,5-Trimethylbenzene	ND		0.0577	50	09/03/2017 21:16	WG1015989
1,2,4-Trimethylbenzene	ND		0.0577	50	09/03/2017 21:16	WG1015989
TPH (GC/FID) Low Fraction	ND		5.77	50	09/03/2017 21:16	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 21:16*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.2		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0262	50	09/03/2017 21:40	WG1015989
Toluene	ND		0.262	50	09/03/2017 21:40	WG1015989
Ethylbenzene	ND		0.0262	50	09/03/2017 21:40	WG1015989
m&p-Xylene	ND		0.0525	50	09/03/2017 21:40	WG1015989
o-Xylene	ND		0.0262	50	09/03/2017 21:40	WG1015989
Methyl tert-butyl ether	0.0660		0.0525	50	09/03/2017 21:40	WG1015989
Naphthalene	ND		0.262	50	09/03/2017 21:40	WG1015989
1,3,5-Trimethylbenzene	ND		0.0525	50	09/03/2017 21:40	WG1015989
1,2,4-Trimethylbenzene	ND		0.0525	50	09/03/2017 21:40	WG1015989
TPH (GC/FID) Low Fraction	ND		5.25	50	09/03/2017 21:40	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 21:40*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.0		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0261	50	09/03/2017 22:04	WG1015989
Toluene	ND		0.261	50	09/03/2017 22:04	WG1015989
Ethylbenzene	ND		0.0261	50	09/03/2017 22:04	WG1015989
m&p-Xylene	ND		0.0521	50	09/03/2017 22:04	WG1015989
o-Xylene	ND		0.0261	50	09/03/2017 22:04	WG1015989
Methyl tert-butyl ether	0.0526		0.0521	50	09/03/2017 22:04	WG1015989
Naphthalene	ND		0.261	50	09/03/2017 22:04	WG1015989
1,3,5-Trimethylbenzene	ND		0.0521	50	09/03/2017 22:04	WG1015989
1,2,4-Trimethylbenzene	ND		0.0521	50	09/03/2017 22:04	WG1015989
TPH (GC/FID) Low Fraction	ND		5.21	50	09/03/2017 22:04	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 22:04*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.9		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0263	50	09/03/2017 22:27	WG1015989
Toluene	ND		0.263	50	09/03/2017 22:27	WG1015989
Ethylbenzene	ND		0.0263	50	09/03/2017 22:27	WG1015989
m&p-Xylene	ND		0.0527	50	09/03/2017 22:27	WG1015989
o-Xylene	ND		0.0263	50	09/03/2017 22:27	WG1015989
Methyl tert-butyl ether	0.0605		0.0527	50	09/03/2017 22:27	WG1015989
Naphthalene	ND		0.263	50	09/03/2017 22:27	WG1015989
1,3,5-Trimethylbenzene	ND		0.0527	50	09/03/2017 22:27	WG1015989
1,2,4-Trimethylbenzene	ND		0.0527	50	09/03/2017 22:27	WG1015989
TPH (GC/FID) Low Fraction	ND		5.27	50	09/03/2017 22:27	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 22:27*	WG1015989

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.7		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0302	50	09/03/2017 22:51	WG1015989
Toluene	ND		0.302	50	09/03/2017 22:51	WG1015989
Ethylbenzene	ND		0.0302	50	09/03/2017 22:51	WG1015989
m&p-Xylene	ND		0.0605	50	09/03/2017 22:51	WG1015989
o-Xylene	ND		0.0302	50	09/03/2017 22:51	WG1015989
Methyl tert-butyl ether	0.0678		0.0605	50	09/03/2017 22:51	WG1015989
Naphthalene	ND		0.302	50	09/03/2017 22:51	WG1015989
1,3,5-Trimethylbenzene	ND		0.0605	50	09/03/2017 22:51	WG1015989
1,2,4-Trimethylbenzene	ND		0.0605	50	09/03/2017 22:51	WG1015989
TPH (GC/FID) Low Fraction	ND		6.05	50	09/03/2017 22:51	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 22:51*	WG1015989

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.0		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0308	50	09/03/2017 23:14	WG1015989
Toluene	ND		0.308	50	09/03/2017 23:14	WG1015989
Ethylbenzene	ND		0.0308	50	09/03/2017 23:14	WG1015989
m&p-Xylene	ND		0.0617	50	09/03/2017 23:14	WG1015989
o-Xylene	ND		0.0308	50	09/03/2017 23:14	WG1015989
Methyl tert-butyl ether	ND		0.0617	50	09/03/2017 23:14	WG1015989
Naphthalene	0.695		0.308	50	09/03/2017 23:14	WG1015989
1,3,5-Trimethylbenzene	ND		0.0617	50	09/03/2017 23:14	WG1015989
1,2,4-Trimethylbenzene	ND		0.0617	50	09/03/2017 23:14	WG1015989
TPH (GC/FID) Low Fraction	34.3		6.17	50	09/03/2017 23:14	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*102*		*80.0-200*		*09/03/2017 23:14*	WG1015989

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.3		1	09/07/2017 09:45	WG1017280

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0307	50	09/03/2017 23:38	WG1015989
Toluene	ND		0.307	50	09/03/2017 23:38	WG1015989
Ethylbenzene	ND		0.0307	50	09/03/2017 23:38	WG1015989
m&p-Xylene	ND		0.0615	50	09/03/2017 23:38	WG1015989
o-Xylene	ND		0.0307	50	09/03/2017 23:38	WG1015989
Methyl tert-butyl ether	0.0760		0.0615	50	09/03/2017 23:38	WG1015989
Naphthalene	ND		0.307	50	09/03/2017 23:38	WG1015989
1,3,5-Trimethylbenzene	ND		0.0615	50	09/03/2017 23:38	WG1015989
1,2,4-Trimethylbenzene	ND		0.0615	50	09/03/2017 23:38	WG1015989
TPH (GC/FID) Low Fraction	ND		6.15	50	09/03/2017 23:38	WG1015989
(S) a,a,a-Trifluorotoluene(PID)	*101*		*80.0-200*		*09/03/2017 23:38*	WG1015989

Method Blank (MB)

(MB) R3247464-1 09/06/17 16:20

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.000900			

L933217-03 Original Sample (OS) • Duplicate (DUP)

(OS) L933217-03 09/06/17 16:20 • (DUP) R3247464-3 09/06/17 16:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	93.1	91.8	1	1.45		5

Laboratory Control Sample (LCS)

(LCS) R3247464-2 09/06/17 16:20

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3247777-1 09/07/17 09:45

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00140			

L933217-11 Original Sample (OS) • Duplicate (DUP)

(OS) L933217-11 09/07/17 09:45 • (DUP) R3247777-3 09/07/17 09:45

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	80.4	80.2	1	0.332		5

Laboratory Control Sample (LCS)

(LCS) R3247777-2 09/07/17 09:45

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3247549-3 09/03/17 13:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	0.0000931	J	0.0000880	0.000500
Toluene	U		0.000161	0.00500
Ethylbenzene	U		0.0000910	0.000500
m&p-Xylene	0.000215	J	0.000154	0.00100
o-Xylene	U		0.0000960	0.000500
Methyl tert-butyl ether	U		0.000160	0.00100
Naphthalene	U		0.00104	0.00500
1,3,5-Trimethylbenzene	U		0.0000820	0.00100
1,2,4-Trimethylbenzene	0.000114	J	0.000107	0.00100
TPH (GC/FID) Low Fraction	U		0.0110	0.100
(S) a,a,a-Trifluorotoluene(PID)	*100*			*80.0-200*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3247549-1 09/03/17 12:38 • (LCSD) R3247549-8 09/04/17 00:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.0462	0.0478	92.4	95.7	80.0-120			3.50	20
Toluene	0.0500	0.0472	0.0494	94.5	98.7	80.0-120			4.40	20
Ethylbenzene	0.0500	0.0481	0.0501	96.3	100	80.0-120			3.94	20
m&p-Xylene	0.100	0.103	0.107	103	107	80.0-120			3.67	20
o-Xylene	0.0500	0.0484	0.0506	96.8	101	80.0-120			4.37	20
Methyl tert-butyl ether	0.0500	0.0478	0.0485	95.7	97.0	80.0-120			1.35	20
Naphthalene	0.0500	0.0505	0.0485	101	97.1	80.0-120			3.95	20
1,3,5-Trimethylbenzene	0.0500	0.0500	0.0520	100	104	80.0-120			3.86	20
1,2,4-Trimethylbenzene	0.0500	0.0486	0.0501	97.1	100	80.0-120			3.16	20
(S) a,a,a-Trifluorotoluene(PID)				*92.6*	*99.3*	*80.0-200*				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3247549-2 09/03/17 12:38 • (LCSD) R3247549-9 09/04/17 00:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.550	0.526	0.507	95.6	92.3	80.0-120			3.55	20
(S) a,a,a-Trifluorotoluene(PID)				*92.6*	*99.3*	*80.0-200*				

L933217-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L933217-01 09/03/17 16:10 • (MS) R3247549-4 09/04/17 00:01 • (MSD) R3247549-6 09/04/17 00:25

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0588	ND	2.35	2.33	79.8	79.3	50	32.0-137			0.710	39
Toluene	0.0588	ND	3.56	2.52	121	85.8	50	20.0-142			34.1	42
Ethylbenzene	0.0588	ND	2.61	2.51	88.7	85.5	50	10.0-150			3.64	44
m&p-Xylene	0.118	ND	5.57	5.43	94.8	92.5	50	14.0-141			2.51	44
o-Xylene	0.0588	ND	2.68	2.60	91.1	88.4	50	10.0-157			2.94	44
Methyl tert-butyl ether	0.0588	ND	2.38	2.37	80.9	80.6	50	24.0-151			0.430	37
Naphthalene	0.0588	ND	2.40	2.45	81.9	83.3	50	80.0-120			1.71	20
1,3,5-Trimethylbenzene	0.0588	ND	2.57	2.60	87.5	88.5	50	80.0-120			1.05	20
1,2,4-Trimethylbenzene	0.0588	ND	2.77	2.65	94.0	89.8	50	80.0-120			4.51	20
(S) a,a,a-Trifluorotoluene(PID)					*101*	*99.3*		*80.0-200*				

L933217-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L933217-01 09/03/17 16:10 • (MS) R3247549-5 09/04/17 00:01 • (MSD) R3247549-7 09/04/17 00:25

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.646	ND	36.1	29.9	112	92.5	50	80.0-120			18.7	20
(S) a,a,a-Trifluorotoluene(PID)					*101*	*99.3*		*80.0-200*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
***** Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [1 4]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

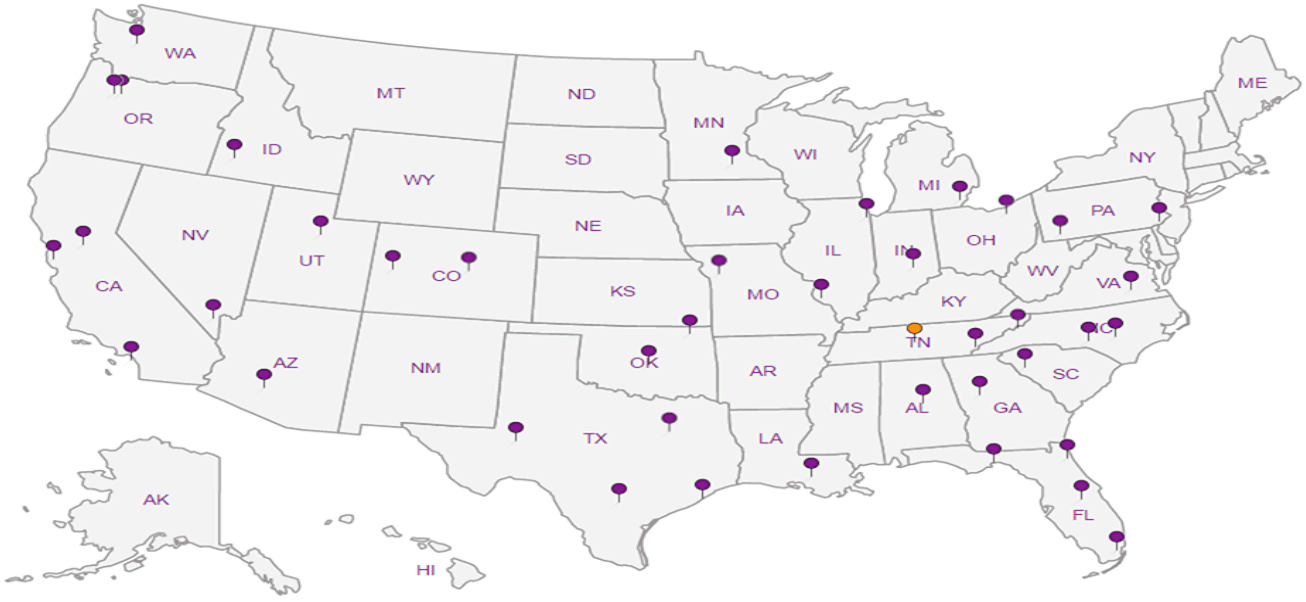
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1.] Drinking Water [2.] Underground Storage Tanks [3.] Aquatic Toxicity [4.] Chemical/Microbiological [5.] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



MSA Professional Services

332 W. Superior Street, Suite 600
Duluth, MN 55802

Billing Information:
MSA Professionals
332 W. Superior St, Ste. 600
Duluth, MN 55802

Pres Chk

Report to: Erica Klingfus

Email To: eklingfus@msa-ps.com

Project Description: South Shore C-Store

City/State Collected: Hebster, WI

Phone: 218-722-3915
Fax: 218-722-4548

Client Project # 18764001

Lab Project # MSAPRODMN-18764001

Collected by (print): Erica Klingfus

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PVOCGRO 60mlAmb/MeOH/Syr	TS 4ozClr-NoPres											Remarks	Sample # (lab only)
S-1	GRAB	SS	4'	8/30/17	900	2	X	X												-01
S-2		SS	4'		904	2	X	X												-02
S-3		SS	4'		906	2	X	X												-03
S-4		SS	4'		910	2	X	X												-04
S-5		SS	4'		914	2	X	X												-05
S-6		SS	4'		916	2	X	X												-06
S-7		SS	4'		920	2	X	X												-07
S-8		SS	4'		922	2	X	X												-08
S-9		SS	4'		924	2	X	X												-09
S-10		SS	4'		926	2	X	X												-10

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of Accutest

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 933217

H010

Acctnum: MSAPRODMN
Template: T127274
Prelogin: P615224
TSR: 341 - John Hawkins
PB: CM 8-28-17

Shipped Via: FedEX Ground

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: TWO COOLERS * **

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier __ ____

Tracking # 7384 4206 2351

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	8/30/17	1600	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes (No) HCL / MeoH TBR

Temp: 1.3 °C Bottles Received: 40

Date: 8.31.17 Time: 8:45

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

MSA Professional Services

332 W. Superior Street, Suite 600
Duluth, MN 55802

Billing Information:
MSA Professionals
332 W. Superior St, Ste. 600
Duluth, MN 55802

Pres Chk

Report to: Erica Klingfus

Email To: eklingfus@msa-ps.com

Project Description: South Shore C-Store

City/State Collected: Herbster, WI

Phone: 218-722-3915
Fax: 218-722-4548

Client Project # 18764001

Lab Project # MSAPRODMN-18764001

Collected by (print): Erica Klingfus

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

PVOCGRO 60mlAmb/MeOH/Syr

TS 4ozClr-NoPres

Chain of Custody Page ___ of ___

ESC LABORATORY SCIENCES a subsidiary of Pace Analytical

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 933217

Table #

Acctnum: MSAPRODMN

Template: T127274

Prelogin: P615224

TSR: 341 - John Hawkins

PB: CM 8-28-17

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PVOCGRO 60mlAmb/MeOH/Syr	TS 4ozClr-NoPres	Remarks	Sample # (lab only)
B-1	Grab	SS	6'	8/30/17	902	2	X	X		-11
B-2		SS	6'		908	2	X	X		-12
B-3		SS	6'		912	2	X	X		-13
B-4		SS	6'		918	2	X	X		-14
B-5		SS	6'		928	2	X	X		-15
B-6		SS	6'		930	2	X	X		-16
P-1		SS	3'		1000	2	X	X		-17
D-1		SS	2'		1036	2	X	X		-18
D-2		SS	2'		1038	2	X	X		-19
D-3		SS	2'		1040	2	X	X		-20

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: TWO COOLERS ***

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist:
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Samples returned via: UPS FedEx Courier _____

Tracking # 7372 1963 2778

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	8/30/17	1600	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Temp: .2 MY °C Bottles Received: 40

Date: 8-21-17 Time: 8:45

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK