

DECEMBER 15, 2023

SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT

TYCO FIRE TECHNOLOGY CENTER
2700 INDUSTRIAL PARKWAY
MARINETTE, WISCONSIN

BRRTS No. 02-38-580694

PREPARED FOR:

TYCO FIRE PRODUCTS LP
2700 INDUSTRIAL PARKWAY SOUTH
MARINETTE, WISCONSIN

PREPARED BY:

Endpoint Solutions

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SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT

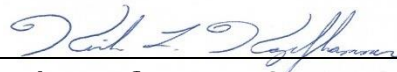
TYCO FIRE TECHNOLOGY CENTER
2700 INDUSTRIAL PARKWAY
MARINETTE, WISCONSIN

BRRTS No. 02-38-580694

DECEMBER 15, 2023

This report was prepared by Endpoint Solutions Corp. for Tyco Fire Products LP to document the activities related to the interim soil remedial and removal actions at 2700 Industrial Parkway, Marinette, Wisconsin.

Prepared By:



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Principal

December 15, 2023

Date

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December 15, 2023

Date

Endpoint Solutions

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- A** HISTORICAL SOIL SAMPLE LOCATION MAP AND ANALYTICAL RESULTS TABLES
- B** SITE ACTIVITY PHOTOGRAPHS
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1.0 INTRODUCTION/BACKGROUND

On behalf of Tyco Fire Products LP (Tyco), Endpoint Solutions Corp. (Endpoint) has prepared this report documenting the removal and disposal of soils, drilling mud/cuttings, and bermed soil containments areas generated as part of remedial actions conducted at, and in the vicinity of, the site as well as interim remedial action consisting of soil excavation of aggregated areas for the removal of per- and poly-fluoroalkyl substances (PFAS)-containing soils at the Tyco property located at 2700 Industrial Parkway in Marinette, Wisconsin (the "Site") with location as noted on the attached **Figure 1**.

1.1 SITE DESCRIPTION AND HISTORY

The Site is a fire suppressant training, testing, research, and development (R&D) facility constructed in the early 1960s and encompasses approximately 380 acres with approximately 9 acres used as an Outdoor Testing Area (OTA). The Site lies approximately 1 mile west of the Green Bay shoreline and 1.6 miles south of the Menominee River, which is the border with the State of Michigan. Aqueous film-forming foams (AFFF) were historically used at the OTA as part of the research and development, training, and testing at the Site. Outdoor use of AFFF containing PFAS was discontinued in 2017. The Site buildings support training, R&D, quality testing activities, and warehousing. The area of the Site outside the central campus comprises more than 300 acres of undeveloped forest and wetlands. PFAS is not manufactured at the Site.

The attached **Figure 2** depicts the Site Layout.

1.2 BACKGROUND

Historically, Tyco has conducted several soil sampling events to assess the magnitude and lateral and vertical extent of PFAS at the Site. All the soil samples collected to date have PFAS concentrations that are below the Industrial Direct Contact (DC) Residual Contaminant Levels (RCL) for perfluorooctanic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) of 16,500 micrograms per kilograms (ug/kg). Additionally, all but one sample have PFAS concentrations that are also below the Non-Industrial DC RCL of 1,260 ug/kg for PFOA and PFOS. As a result, no soil excavation was required at the site as no concentrations were above the Industrial DC RCLs. Regardless, Tyco elected to voluntarily, and proactively, excavate those soils with relatively higher concentrations in the soil that were observed to be aggregated in limited areas of the Site. Tyco elected to remove this material as excavation will reduce the residual unsaturated PFAS mass in Site soils. For reference, sample location and summary tables of the historical analytical data collected by Arcadis U.S., Inc. (Arcadis) are presented in **Appendix A**.

In March 2021, Tyco submitted a Soil Interim Remedial Action Design Report to the Wisconsin Department of Natural Resources (WDNR) with the primary objective of the interim remedial action to voluntarily excavate soils with aggregated PFAS mass and dispose of the soils offsite (Arcadis, 2021). Overall, five (5) aggregated areas (**Excavation Areas A thru E**) were identified at the Site for excavation with offsite soil disposition. Based on the initial information collected, the five (5) areas were estimated to total a surface area of approximately 11,700 square feet and it was proposed to excavate the soils in each area to the top of the water table (estimated at that time to

be approximately 3 feet below surface grade). The WDNR approval of the Soil Interim Remedial Action Design Report was received from the WDNR on June 17, 2021.

Additionally, soils from foundation excavations and grading activities related to construction activities associated with the Advanced Research and Training Facility (ARTF) had been stockpiled within the WDNR approved designated containment area at the Site. All stockpiled soil was staged on and covered with a 10-mil polyethylene liner (Arcadis, 2021). A portion of the stockpiled soil was subsequently used to create liner-covered berms to contain drilling mud that was generated as part of the drilling activities associated with the installation of underground piping for the Groundwater Extraction and Treatment System (GETS) groundwater remediation system installed at the Site. Additionally, soil from construction and grading activities associated with construction of the GETS building was also stockpiled and covered within the approved designated containment area. Additional details related to the GETS construction activities can be found in the GETS Interim Remediation Action Construction Documentation Report (Geosyntec, 2023).

The excavated material detailed in this report, the previously stockpiled materials related to ARTF construction, the drilling mud located within the bermed containment areas, and the soil associated with the GETS grading and construction activities were all removed from the Site as part of the activities documented within this report. To facilitate transportation, some dewatering and/or solidification of the drilling mud occurred prior to loading into roll off containers. Transport and disposal activities for the soil took place from 2021 to 2023.

In total, approximately 14,150 tons of soil was transported and disposed of from the Site to Waste Management's Columbia Ridge facility located in Arlington, Oregon. This includes approximately 1,660 tons of soil related to the excavation activities documented within this report, 7,300 tons of soil related to the construction of the ARTF (Arcadis 2021), and 5,190 tons of combined stabilized drilling mud and construction related soil from the GETS construction (Geosyntec, 2023).

2.0 STOCKPILED SOIL REMOVAL

This section summarizes the activities associated with the removal of the stockpiled soils, bermed containment areas, and the drilling muds/cuttings and soils that were generated during construction of the GETS system from 2021 to 2023.

Endpoint completed pre-construction activities (including planning, permitting, design, and bidding) and then served as General Contractor (GC) for the removal phase of these project efforts. The work scope also consisted of coordinating the mobilization and operations of associated contractors to load and transport the materials for offsite disposition, soil pile management and ultimately, Site restoration.

2.1 SITE PREPARATION

Site preparation tasks included mobilizing all required equipment, labor, and materials to the Site. The primary contractors associated with this scope of work included Barley Excavating, Inc. (Barley), Menominee, Michigan for soil loading and materials management and KK Integrated Logistics (KKIL), Menominee, Michigan for trucking of covered roll-off containers and transferring the roll-off containers to rail cars. Endpoint personnel were also present during loading activities for oversight, materials management, monitoring, and manifesting.

2.1.1 EROSION CONTROL AND SOIL PILE MANAGEMENT

In general, erosion control and soil pile management measures that were maintained during the soil pile removal efforts consisted of the following best management practices:

- Construction fence previously installed to identify wetlands and associated buffers were not disturbed.
- Erosion control measures which were already installed to prevent stormwater runoff were maintained.
- A stabilized construction entrance / trucking route was established to control construction traffic from tracking soils across the Site.
- A tracking (decontamination) pad was constructed and maintained to prevent the tracking of soils onto impervious surfaces or off the Site.
- Equipment and haul trucks were inspected and properly decontaminated, as needed, before leaving the Site.
- Soil piles were to remain covered by and located on plastic until they were ready to be loaded.
- Upon completion of the day's activities, soil pile covers were inspected and maintained as needed.
- Erosion control measures were monitored and inspected to confirm they were functioning properly and positioned adequately to be effective during use.

Additionally, dust and odor control programs were implemented in conjunction with perimeter air monitoring to ensure action levels established in the plan were not exceeded. Specifically, dust and odor controls implemented during the project included:

- Ensuring all piles were covered when not actively being utilized.
- Hauling soil/debris leaving the Site in covered or closed containers.
- Keeping construction equipment and vehicle speeds below 15 miles per hour on the Site.
- Applying a water spray during soil/debris handling and to unpaved vehicle access routes at the Site, as necessary to control dust.

2.2 STOCKPILED SOIL REMOVAL

Soil was removed using standard excavating equipment (end loader, excavator, skid steer, etc.). Stockpiled soils were loaded into Waste Management supplied roll off boxes that were placed on trucks for transport to KKIL facilities located in Menominee, Michigan. Roll off boxes were subsequently loaded onto railcars for transport and ultimate disposal at Waste Management's Columbia Ridge facility located in Arlington, Oregon. General photographs associated with the soil removal efforts have been included within **Appendix B**.

Also note, historically, some of the previously excavated soil was covered with a liner and used as berm material for the construction of three (3) dewatering pads in the designated containment area. The dewatering pads were constructed to assist with handling of drilling mud/cuttings associated with installation of the subsurface piping for the Groundwater Extraction and Treatment System (GETS) system. Due to high moisture content in some of the drilling mud/cuttings sawdust was incorporated into the drilling mud/cuttings to stabilize the materials prior to shipping. Following removal of the drilling mud/cuttings, the dewatering pads were removed.

2.3 OFFSITE TRANSPORTATION

All materials transported offsite were placed into covered roll-off boxes and trucked by KKIL to KKIL facilities located in Menominee, Michigan for transferring of the roll-off boxes onto rail cars and ultimate disposition of the soil at Waste Management's landfill facility located in Arlington, Oregon. Removal activities were initiated on June 11, 2021 and concluded on July 27, 2023.

Note, while overall loading and hauling of the stockpiled soils was conducted in an efficient and timely manner to the extent practical, removal activities took longer than anticipated because transportation of the soils off Site was highly dependent on rail car availability. As rail containers became available, the appropriate volume of stockpiled materials was transferred to roll off boxes and transported to the railcar facility located at the KKIL facility in Menominee, Michigan for ultimate transport and disposal at the Waste Management, Arlington, Oregon facility.

Overall, 743 boxes containing approximately 14,150 tons of soils were transported off-site during these project efforts. For reference, disposal documentation associated with these materials has been included with **Appendix C**.

2.4 DRILLING AND DEVELOPMENT FLUIDS

Accumulated water from the bermed areas was decanted into a frac tank and was transported offsite for disposal via deep well injection at either Waste Management's facility located in Vickery, Ohio, or Texas Molecular's facility located in Deer Park, Texas.

2.5 SITE RESTORATION

Following the removal of the stockpiled materials, the areas where stockpiled soils and bermed containments were present was restored as needed with like materials to the original condition – i.e. filled with topsoil and seeded or gravel, depending on location. Final surface restoration matched previous and current conditions to the extent feasible. Note, as a result of these soil removal activities, there was no increase in coverage of impervious surfaces and a net cut/fill of zero was maintained within the soil pile footprints.

3.0 SOIL INTERIM REMEDIAL ACTION ACTIVITIES

This section summarizes the activities associated with the interim remedial actions associated with the excavation of the five (5) aggregated areas (**Excavation Areas A thru E**) which were previously identified at the Site for excavation with offsite soil disposition. Based on the initial information collected, the five (5) areas were estimated to total a surface area of approximately 11,700 square feet and it was proposed to excavate the soils in each area to the top of the water table (approximately 3 feet below surface grade), resulting in the removal of approximately 1,300 cubic yards of soil estimated to be 1,950 tons.

Endpoint completed pre-construction activities (including planning, permitting, design, and bidding) and then served as General Contractor (GC) for the removal phase of these project efforts. The work scope also consisted of coordinating the mobilization and operations of associated contractors to load and transport the materials for offsite disposition, soil management and ultimately, Site restoration.

Work activities were completed in general accordance with the Soil Interim Remedial Action Design Report (RADR) prepared by Arcadis, March 2021. As detailed within the RADR, the proposed excavation areas were established using data collected during several investigative activities.

3.1 SITE PREPARATION

Site preparation tasks included locating and marking the boundaries of the excavation areas and underground utilities and mobilizing all required equipment to the Site as well as staging of construction equipment. The primary contractors associated with this scope of work included Barley for soil excavating, loading and materials management and Endpoint personnel to complete tasks associated with general oversight, documentation, materials management, and monitoring.

3.1.1 EROSION CONTROL AND EXCAVATION AREA MANAGEMENT

In general, erosion control and soil management measures that were maintained during the soil excavation efforts consisted of the following best management practices:

- Construction fence previously installed to identify wetlands and associated buffers were not disturbed.
- Erosion control measures were installed to prevent stormwater runoff.
- A stabilized construction entrance / trucking route was established at each excavation area to control construction traffic from tracking soils across the Site.
- A tracking (decontamination) pad was constructed and maintained to prevent the tracking of soils onto impervious surfaces or off the Site.
- Equipment and haul trucks were inspected and properly decontaminated, as needed, before leaving the Site.
- Upon completion of the day's activities, soil pile covers were placed, inspected, and maintained as needed.
- Erosion control measures were monitored and inspected to confirm they were functioning properly and positioned adequately to be effective during use.

Additionally, dust and odor control programs were implemented in conjunction with perimeter air monitoring to ensure action levels established in the plan were not exceeded. Specifically, dust and odor controls implemented during the project included:

- Hauling soil/debris in covered or closed containers.
- Keeping construction equipment and vehicle speeds below 15 miles per hour on the Site.
- Applying a water spray during soil/debris handling and to unpaved vehicle access routes at the Site, as necessary.

In general, a water truck was used to suppress dust along haul roads and no monitoring results indicated the presence of elevated particulates or contaminants,

3.2 SOIL EXCAVATION ACTIVITIES

Based on the previously completed soil sampling and analysis tasks completed by Arcadis, it was estimated that the combined excavation areas (Excavation Areas A thru E) covered a total a surface area of approximately 11,700 square feet and it was proposed to excavate the soils in each area to the top of the water table located at approximately 3 feet below surface grade, which would result in the removal of approximately 1,300 cubic yards of soil estimated to be 1,950 tons.

Subsequently, to remove the previously identified impacted soils, the extent of the excavation areas as depicted in the RADR were located and using standard excavating equipment (end loader, excavator, skid steer, etc.), Barley excavated to the top of the water table within the established excavation limits beginning on July 13, 2022. Overall, soils in each of the Excavation Areas A thru E were excavated as anticipated with no structural impediments encountered – with the exception of the presence of the monitoring wells in the area of Excavation Area A which required hand excavation to avoid damaging the wells. No damage to the monitoring wells occurred during the hand exaction. Final extent of each of the Excavation Areas A thru E are presented on the attached **Figures 3 thru 7**, respectively. Based on final actual surveyed extents of the excavations, the actual estimated volumes removed from each area are as follows:

- Area A – 700 tons;
- Area B – 300 tons;
- Area C – 310 tons;
- Area D – 240 tons; and,
- Area E – 110 tons.

Soils from the excavation areas were directly loaded into trucks for relocation to the WDNR approved designated containment area, prior to off-site disposal. Soil excavation activities were concluded on July 28, 2022. Photographs associated with the excavation areas have been included within **Appendix B**.

3.3 SOIL DISPOSITION

All excavated materials from this phase of work were transported from the excavation area to the designated soil management area in the western portion of the Site and stockpiled on and covered with plastic pending railcar availability for placement into covered roll-off boxes which were trucked by KKIL to KKIL facilities located in Menominee Michigan for transferring of the roll-off boxes onto rail cars and ultimate disposal at the Waste Management landfill facility located in Arlington, Oregon.

3.4 SITE RESTORATION

Following the completion of excavation activities, the resultant excavation was backfilled and surface areas were restored as needed with like materials to the original condition– i.e. filled with topsoil and seeded or gravel, depending on location. Final surface restoration matched previous and current conditions to the extent feasible. Note, because of these soil removal activities, there was no increase in coverage of impervious surfaces and a net cut/fill of zero was maintained within the soil pile footprints. Present day photographs of each of the excavation areas have been included within **Appendix B**.

4.0 FUTURE SOILS / INVESTIGATIVE DERIVED WASTE CONTAINMENT

As investigative and potable well replacement work activities are ongoing, it has been anticipated that additional IDW / drilling spoils will be generated which requires proper handling and disposal. All future stockpiling and disposal activities will follow an approved Materials Management Plan (MMP). An MMP was submitted in August 2023 and is currently undergoing review by the WDNR (Arcadis, 2023). In the interim and per WDNR approval, all current IDW is being containerized on Site in roll off boxes and transported off-site to the Arlington Landfill, as needed.

5.0 SUMMARY AND CONCLUSIONS

5.1 STOCKPILED SOIL

All stockpiled soils generated from previous construction, investigation and interim remedial actions have been removed and disposed at Waste Management's landfill located in Arlington, Oregon.

5.2 SOIL INTERIM REMEDIAL ACTIONS

Laboratory analytical results from previously collected soil samples indicated that the relatively higher PFAS concentrations in the soil were aggregated in limited areas of the Site. Therefore, it was concluded that the removal of these aggregated areas would result in a significant reduction in PFAS mass in Site soils. Subsequently, as discussed herein, soils from five (5) aggregated areas (**Excavation Areas A thru E**) were successfully excavated to a depth of approximately three (3) feet with the soils transported for offsite disposal.

6.0 REFERENCES

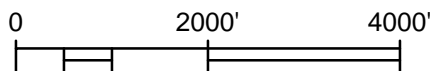
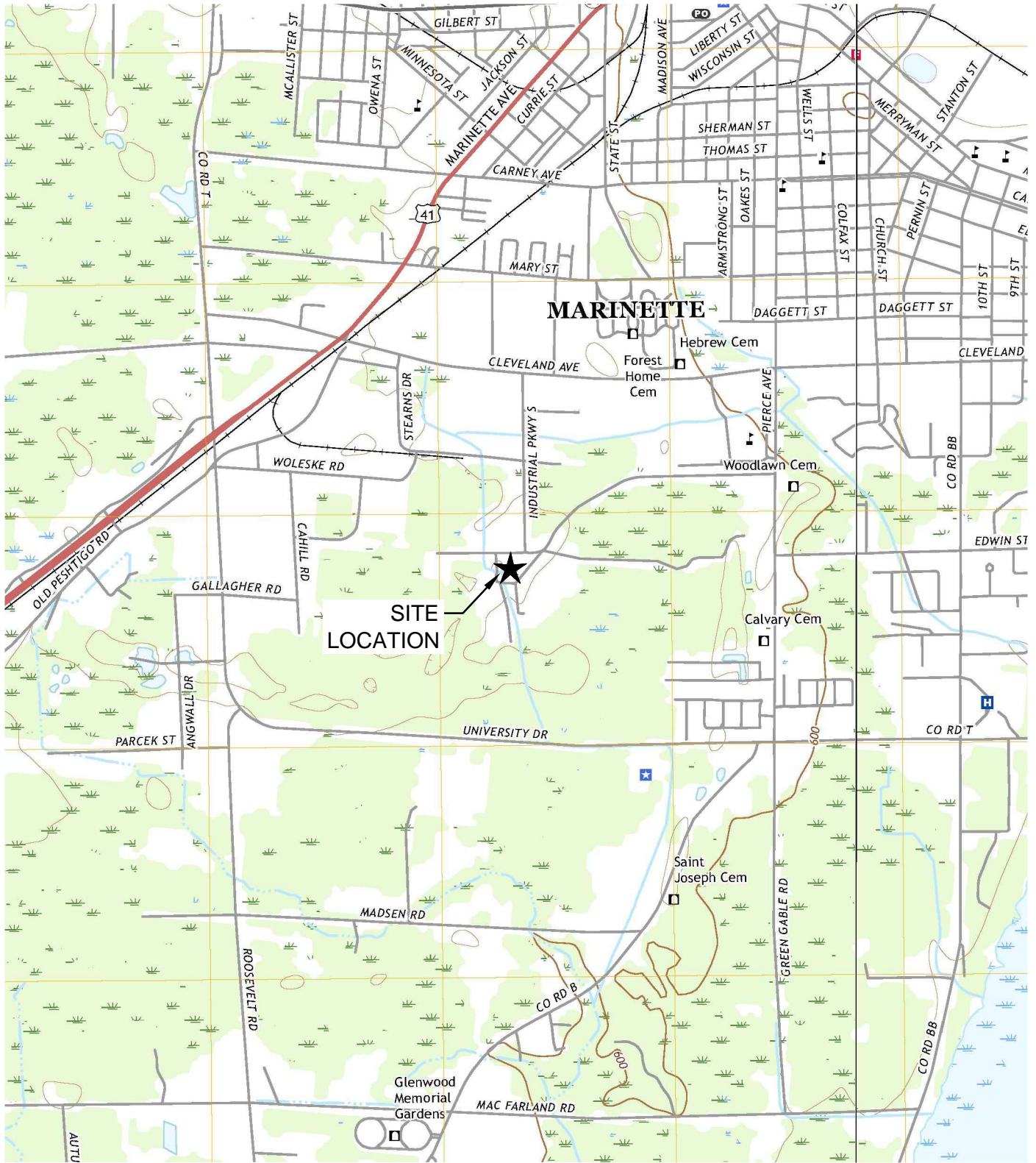
Arcadis. 2021. Soil Interim Remedial Action Design Report. Tyco Fire Technology Center, Marinette, Wisconsin. 2700 industrial Parkway, Marinette, Wisconsin. BRRTS No. 02-38-580694. March 15.

Arcadis. 2023. Materials Management Plan. Tyco Fire Technology Center, Marinette, Wisconsin. 2700 industrial Parkway, Marinette, Wisconsin. BRRTS No. 02-38-580694. August 17.

Geosyntec. 2023. Groundwater Extraction and Treatment System Interim Remedial Action Construction Documentation Report. Tyco Fire Technology Center, Marinette, Wisconsin. 2700 industrial Parkway, Marinette, Wisconsin. BRRTS No. 02-38-580694. June 16.

FIGURES

FIGURE 1 – LOCATION MAP



SOURCE: USGS

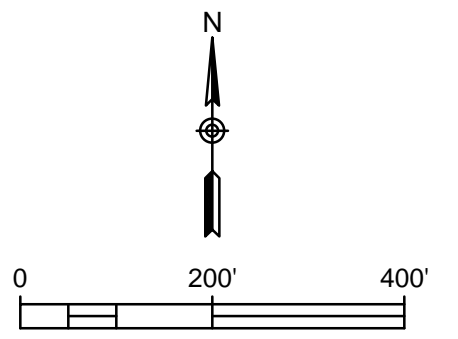
| | | |
|--|-------------------------|---------------------|
| LOCATION MAP | | |
| TYCO FIRE TECHNOLOGY CENTER 2700 INDUSTRIAL PARKWAY SOUTH MARINETTE, WISCONSIN 54143 | | |
| Endpoint Solutions | | |
| 6871 S. Lovers Lane Franklin, WI 53132 | | |
| Phone: (414) 427-1200 | | Fax: (414) 427-1259 |
| DRAWN BY: NWD | DATE: 10/06/2023 | Figure 1 |
| REVIEWED BY: KLK | PROJECT NO: 415-004-005 | |

FIGURE 2 – SITE LAYOUT

P:\Tyco - 415\004 - Industrial Parkway\CAD\004-005 Excavations and Containment Area\Fig 02_415-004-005 Site Layout.dwg



--- PARCEL LINE
 [Green Outline] EXCAVATION BOUNDARY
 [Yellow Fill] CONTAINMENT AREA LOCATION



SITE LAYOUT

TYCO FIRE TECHNOLOGY CENTER
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DRAWN BY: NWD

DATE: 10/06/2023

Figure 2

REVIEWED BY: KLK

PROJECT NO: 415-004-005

004
000



SOURCE: GOOGLE EARTH AERIAL

FIGURE 3 – EXCAVATION AREA A


P:\Tyco - 415\004 - Industrial Parkway\CAD\004-005 Excavations and Containment Area\SVG Edits\FIG 03_415-004-005 EXCAVATION AREA A.dwg



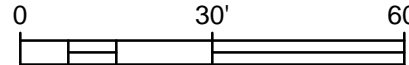
AREA A
APPROX. 700 TONS
REMOVED TO DEPTH OF 3
FEET BELOW GROUND
SURFACE

| | |
|---|---------------------|
|  | PARCEL LINE |
|  | EXCAVATION BOUNDARY |

N



0 30' 60'



EXCAVATION AREA A

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| | |
|-------------------|-------------------------|
| DRAWN BY: NWD/SVG | DATE: 12/08/2023 |
| REVIEWED BY: KIK | PROJECT NO: 415-004-005 |

Figure 3

FIGURE 4 – EXCAVATION AREA B

P:\Tyco - 415\004 - Industrial Parkway\CAD\004-005 Excavations and Containment Area\SVG Edits\FIG 04_415-004-005 EXCAVATION AREA B.dwg



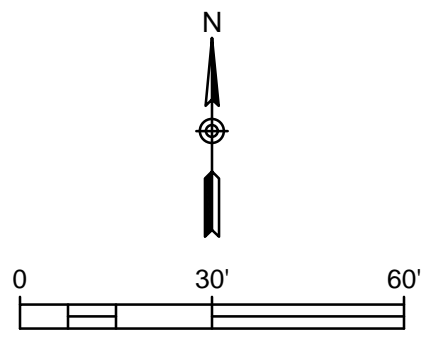
BUILDING 105
EXTENSION & WASTEWATER
TREATMENT FACILITY

AREA B
APPROX. 300 TONS
REMOVED TO DEPTH OF 3
FEET BELOW GROUND
SURFACE

BUILDING 105

--- PARCEL LINE

█ EXCAVATION BOUNDARY



EXCAVATION AREA B

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MARINETTE, WISCONSIN 54143

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| | |
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| DRAWN BY: NWD/SVG | DATE: 12/08/2023 |
| REVIEWED BY: KLK | PROJECT NO: 415-004-005 |


Figure 4

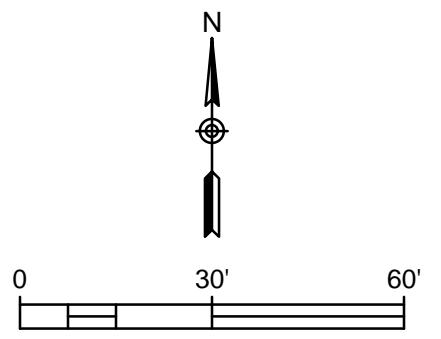
FIGURE 5 – EXCAVATION AREA C

P:\Tyco - 415\004 - Industrial Parkway\CAD\004-005 Excavations and Containment Area\SVG Edits\FIG 05_415-004-005 EXCAVATION AREA C.dwg



AREA C
APPROX. 310 TONS
REMOVED TO DEPTH OF 3
FEET BELOW GROUND
SURFACE

 EXCAVATION BOUNDARY



| | |
|--|-------------------------|
| EXCAVATION AREA C | |
| TYCO FIRE TECHNOLOGY CENTER 2700 INDUSTRIAL PARKWAY SOUTH MARINETTE, WISCONSIN 54143 | |
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| DRAWN BY: NWD/SVG | DATE: 12/08/2023 |
| REVIEWED BY: KLK | PROJECT NO: 415-004-005 |
| Figure 5 | |


SOURCE: GOOGLE EARTH AERIAL

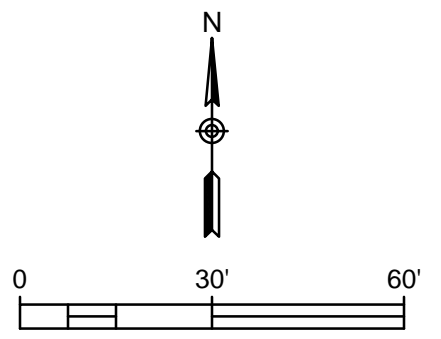
FIGURE 6 – EXCAVATION AREA D

P:\Tyco - 415\004 - Industrial Parkway\CAD\004-005 Excavations and Containment Area\SVG Edits\FIG 06_415-004-005 EXCAVATION AREA D.dwg



AREA D
APPROX. 240 TONS
REMOVED TO DEPTH OF 3
FEET BELOW GROUND
SURFACE

 EXCAVATION BOUNDARY



EXCAVATION AREA D

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Figure 6

FIGURE 7 – EXCAVATION AREA E

P:\Tyco - 415\004 - Industrial Parkway\CAD\004-005 Excavations and Containment Area\SVG Edits\FIG 07_415-004-005 EXCAVATION AREA E.dwg

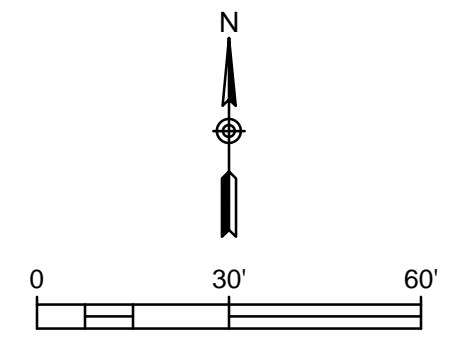


BUILDING 107
FIRE TEST HOUSE

BUILDING 127
FIRE TEST HOUSE

AREA E
APPROX. 110 TONS
REMOVED TO DEPTH OF 3
FEET BELOW GROUND
SURFACE

 EXCAVATION BOUNDARY



EXCAVATION AREA E

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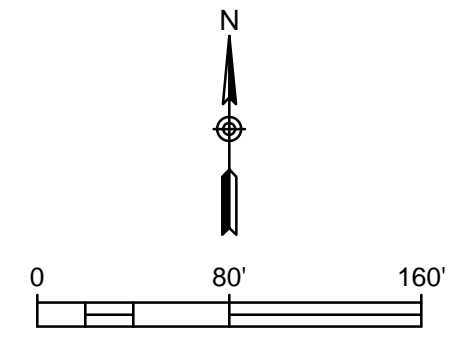
Figure 7

FIGURE 8 – CONTAINMENT AREA

P:\Tyco - 415\004 - Industrial Parkway\CAD\004-005 Excavations and Containment Area\FIG 08_415-004-00 Containment Area.dwg



--- PARCEL LINE
 [Yellow Outline] CONTAINMENT AREA LOCATION



CONTAINMENT AREA

TYCO FIRE TECHNOLOGY CENTER
2700 INDUSTRIAL PARKWAY SOUTH
MARINETTE, WISCONSIN 54143

Endpoint Solutions

6871 S. Lovers Lane
Franklin, WI 53132

Phone: (414) 427-1200

Fax: (414) 427-1259

DRAWN BY: NWD
REVIEWED BY: KLK

DATE: 10/06/2023
PROJECT NO: 415-004-005

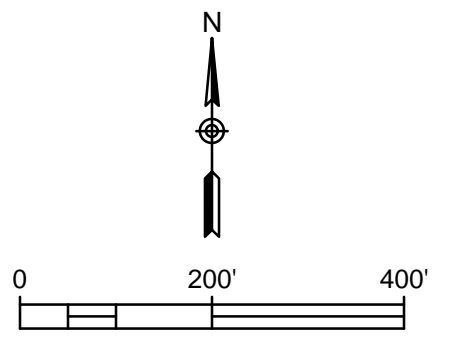
Figure 8

FIGURE 9 – SITE CONTAINMENT AREAS

P:\Tyco - 415\004 - Industrial Parkway\CAD\004-005 Excavations and Containment Area\FIG.09_415-004-005 Site Containment Area.dwg



- - - - - PARCEL LINE
 - - - - - MATERIAL CONTAINMENT AREA
 [Green Polygon] EXCAVATION BOUNDARY
 [Red Rectangle] CONCRETE CONTAINMENT PAD



SITE CONTAINMENT AREA

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| | |
|------------------|-------------------------|
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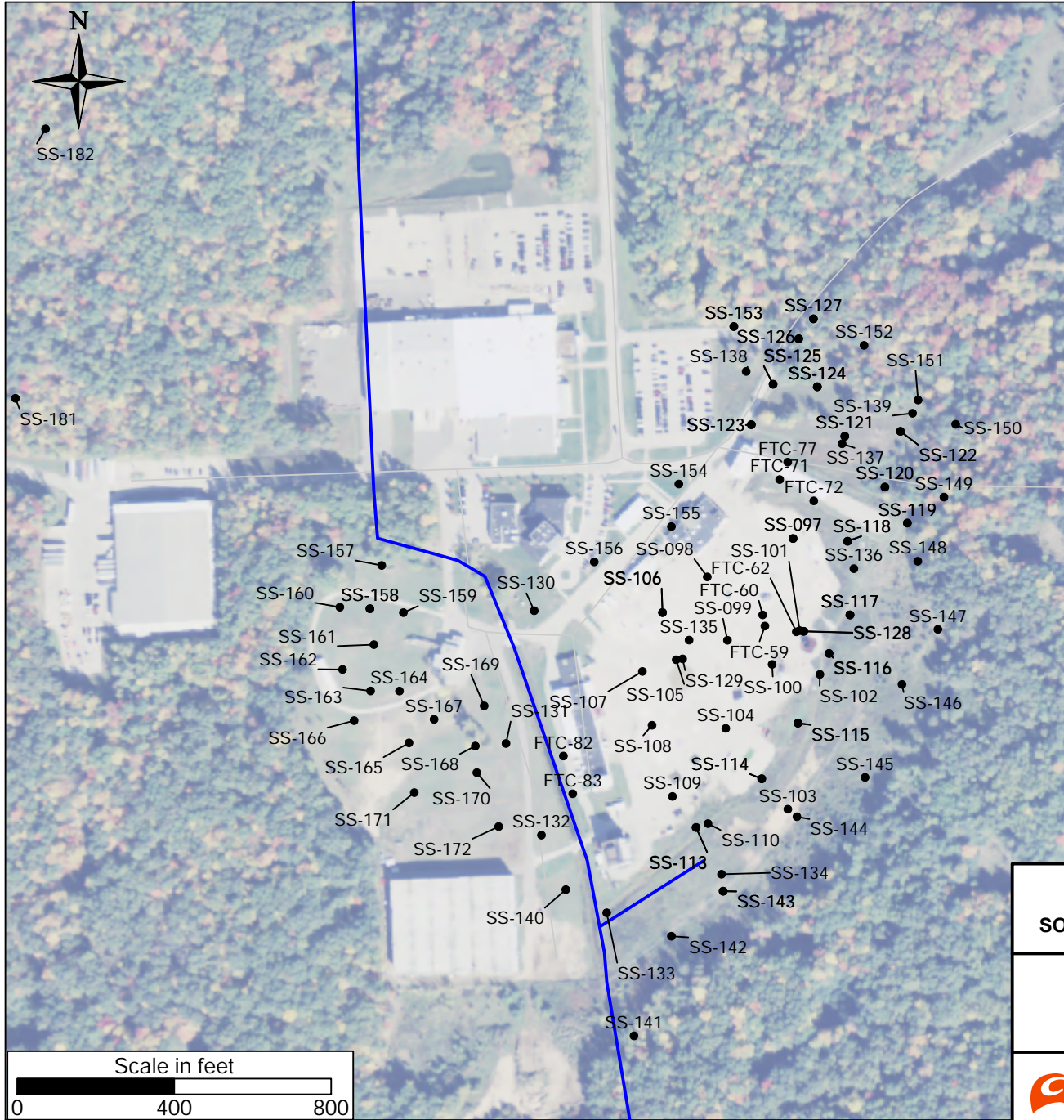
Figure 9

004
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SOURCE: GOOGLE EARTH AERIAL

APPENDIX A

HISTORICAL SOIL SAMPLE LOCATIONS MAP AND ANALYTICAL RESULTS TABLES



Legend

- FTC-60 Soil Boring Location
- Ditch

Note:

1. Aerial map from USGS.

TYCO FIRE TECHNOLOGY CENTER
 MARINETTE, WISCONSIN
SOIL INTERIM REMEDIAL ACTION DESIGN REPORT

OTA SOIL
 SAMPLE LOCATIONS

Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | FTC-59 | FTC-60 | FTC-62 | FTC-71 | FTC-72 | FTC-77 | FTC-82 | FTC-83 | SS-097 | | SS-098 | SS-099 | SS-100 | SS-101 | | |
|------------|--|--------------|-------------|---------------|--------------|------------|--------------|---------------|---------------|--------------|------------------|----------------|---------------|---------------|----------------|---------------|-----------|---|
| | | Sample Date | 10/23/2013 | 10/23/2013 | 10/23/2013 | 10/23/2013 | 10/23/2013 | 10/23/2013 | 10/23/2013 | 4/21/2014 | 4/21/2014 | 8/31/2016 | 8/31/2016 | 8/31/2016 | 8/31/2016 | 8/31/2016 | 8/31/2016 | |
| | | Depth (feet) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 3 | 3 | 3 | 3 | |
| | | Sample Type | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| | | Unit | | | | | | | | | | | | | | | | |
| PFASs | Perfluorobutane Sulfonate (PFBS) | µg/kg | <10 | <12 | <5.3 | <25 | <4.9 | <4.8 | <5.4 | <5.2 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorodecanesulfonic acid (PFDS) | µg/kg | <10 | <12 | <5.3 | <25 | <4.9 | <4.8 | <5.4 | <5.2 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorodecanoic acid (PFDA) | µg/kg | <10 | <12 | <5.3 | <25 | <4.9 | 47.3 | <6.9 | <6.6 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorododecanoic acid (PFDoA) | µg/kg | <10 | <12 | <5.3 | <25 | <4.9 | 18.2 | <5.4 | <5.2 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | <10 | <12 | <5.3 | <25 | <4.9 | <4.8 | <5.4 | <5.2 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluoroheptanoic acid (PFHpA) | µg/kg | <10 | <12 | <5.3 | <25 | 16.4 | <4.8 | 5.8 J | <5.2 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | <10 | <12 | <5.3 | <25 | <4.9 | <4.8 | <5.4 | <5.2 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorohexanoic acid (PFHxA) | µg/kg | <10 | <12 | <5.3 | <25 | 12.6 | 11.4 J | <5.4 | <5.2 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorononanoic acid (PFNA) | µg/kg | <10 | <12 | <5.3 | <25 | 5.4 J | <4.8 | 113 | <6.0 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorooctanesulfonic acid (PFOS) | µg/kg | <10 | 19.1 J | <5.3 | 308 | 13.5 | 580 | 234 | <5.2 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorooctanoic acid (PFOA) | µg/kg | 35.6 | 122 | 84.9 | <25 | 35.8 | 17.6 | 14.8 | 5.3 J | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorotetradecanoic acid (PFTeA) | µg/kg | <10 | <12 | <5.3 | <25 | <4.9 | 6 J | <5.4 | <5.2 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | <10 | <12 | <5.3 | <25 | <4.9 | 17.6 | <6.9 | <6.6 | NA | NA | NA | NA | NA | NA | | |
| PFASs | Perfluoroundecanoic acid (PFUdA) | µg/kg | <10 | <12 | 6.7 J | <25 | <4.9 | 61.2 | 10.3 J | <7.9 | NA | NA | NA | NA | NA | NA | | |
| WS-LC-0025 | 6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 62 | 31 | 10 | 110 | 44 | 24 | | |
| WS-LC-0025 | 8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 16 | 2.7 | 3.9 | 130 | 130 | 39 | | |
| WS-LC-0025 | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| WS-LC-0025 | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| WS-LC-0025 | Perfluorobutane sulfonic acid (PFBS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 0.20 JBF1 | 0.19 JB | 0.23 B | 0.27 B | 0.15 JB | 0.35 B | | |
| WS-LC-0025 | Perfluorobutanoic acid (PFBA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 1.4 | 1.3 | 1.1 | 1.9 | 0.25 | 5.7 | | |
| WS-LC-0025 | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | <0.082 U | <0.089 U | <0.082 U | <0.098 U | 0.17 J | <0.093 U | | |
| WS-LC-0025 | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 3.1 | 0.21 J | 0.29 | 5.0 | 0.90 | 11 | | |
| WS-LC-0025 | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | <0.14 U | <0.15 U | <0.14 U | <0.16 U | 0.97 | 0.27 | | |
| WS-LC-0025 | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | <0.13 U | <0.15 U | <0.14 U | 0.27 | <0.14 U | <0.15 U | | |
| WS-LC-0025 | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | 1 | NA | NA | NA | NA | NA | 2.3 | 1.4 | 0.55 | 3.6 | 0.28 | 16 | | |
| WS-LC-0025 | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 0.75 | 0.30 | 0.20 J | 1.4 | 0.19 J | 1.6 | | |
| WS-LC-0025 | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 4.7 | 3.5 | 1.1 | 8.5 | 0.85 | 41 | | |
| WS-LC-0025 | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 2.1 | 0.36 | <0.095 U | 3.9 | 0.18 J | 4.9 | | |
| WS-LC-0025 | Perfluorooctane Sulfonamide (PFOSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 38 | 3.3 | 2.4 | 46 | 7.2 | 17 | | |
| WS-LC-0025 | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 29 | 2.4 | 1.5 | 34 | 1.4 | 17 | | |
| WS-LC-0025 | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 15 F1 | 3.4 | 35 | 250 | 25 | 1300 | | |
| WS-LC-0025 | Perfluoropentanoic acid (PFPeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 5.8 | 5.5 | 0.60 | 3.2 | 0.26 | 20 | | |
| WS-LC-0025 | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | <0.066 U | <0.072 U | <0.066 U | <0.079 U | 0.079 J | <0.075 U | | |
| WS-LC-0025 | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | <0.11 U | <0.11 U | <0.11 U | <0.12 U | 5.1 | <0.12 U | | |
| WS-LC-0025 | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | 0.84 | 0.41 | <0.12 U | 0.47 | 1.7 | 1.4 | | |
| PFC_IDA | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| PFC_IDA | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| PFC_IDA | Perfluorobutane sulfonic acid (PFBS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |

Notes on Page 2.

Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | FTC-59 | FTC-60 | FTC-62 | FTC-71 | FTC-72 | FTC-77 | FTC-82 | FTC-83 | SS-097 | | SS-098 | SS-099 | SS-100 | SS-101 | |
|---------|---------------------------------------|--------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | Sample Date | 10/23/2013 | 10/23/2013 | 10/23/2013 | 10/23/2013 | 10/23/2013 | 10/23/2013 | 10/23/2013 | 4/21/2014 | 4/21/2014 | 8/31/2016 | 8/31/2016 | 8/31/2016 | 8/31/2016 | 8/31/2016 | 8/31/2016 |
| | | Depth (feet) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 3 | 3 | 3 | 3 |
| | | Sample Type | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| | | Unit | | | | | | | | | | | | | | | |
| PFC_IDA | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |

Notes:

Detections are in bold.

< = analyte not detected above corresponding method detection limit

FD = field duplicate sample type

µg/kg = micrograms per kilogram

N = normal sample type

NA = not analyzed

Laboratory Qualifiers:

B = Compound was found in the blank and sample.

D = Concentration is based on a diluted sample analysis.

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery is outside acceptance limits.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-102 | SS-103 | SS-104 | SS-105 | SS-106 | | SS-107 | SS-108 | SS-109 | SS-110 | SS-113 | | SS-114 | | | |
|------------|--|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|---|
| | | Sample Date | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 6/28/2018 | 6/28/2018 | 6/28/2018 | 6/28/2018 | |
| | | Depth (feet) | 3 | 3 | 3 | 2 | 1 | 8 | 3 | 3 | 3 | 3 | 3 | 0-0.5 | 7.5-8 | 0-0.5 | 7.5-8 | |
| | | Sample Type | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| | | Unit | | | | | | | | | | | | | | | | |
| PFASs | Perfluorobutane Sulfonate (PFBS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | 6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA) | µg/kg | 53 | <0.46 U | 57 | 13 | 2.1 J | 7.7 | 59 | 39 | 49 | 37 | NA | NA | NA | NA | NA | |
| WS-LC-0025 | 8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA) | µg/kg | 54 | <0.80 U | 100 | 120 J | 30 | 4.0 | 210 | 80 | 8.8 | 64 | NA | NA | NA | NA | NA | |
| WS-LC-0025 | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.59 J | 1.2 J | 0.98 J | 4.4 | NA | |
| WS-LC-0025 | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <0.47 U | <0.49 U | <0.45 U | <0.51 U | NA | |
| WS-LC-0025 | Perfluorobutane sulfonic acid (PFBS) | µg/kg | 0.16 JB | 0.17 JB | 0.17 JB | 0.17 JB | 0.19 JB | 0.18 JB | 0.24 B | 0.20 JB | 0.18 JB | 0.21 JB | <0.030 U | 0.052 J | <0.029 U | <0.033 U | NA | |
| WS-LC-0025 | Perfluorobutanoic acid (PFBA) | µg/kg | 0.20 J | 0.18 J | 0.32 | 0.22 | 0.15 J | 0.22 J | 0.40 | 0.30 | 0.23 J | 0.29 | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluorodecanesulfonic acid (PFDS) | µg/kg | <0.086 U | <0.085 U | 0.27 | <0.077 U | <0.091 U | <0.097 U | <0.083 U | 0.21 J | <0.096 U | 0.27 | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluorodecanoic acid (PFDA) | µg/kg | 0.27 | 0.10 J | 0.70 | 11 | 4.0 | 0.12 J | 21 | 1.9 | 0.37 | 2.5 | 4.5 | 4.3 | 5.0 | 1.0 | NA | |
| WS-LC-0025 | Perfluorododecanoic acid (PFDoA) | µg/kg | 0.20 J | <0.14 U | <0.14 U | <0.13 U | <0.15 U | <0.16 U | <0.14 U | 4.1 | <0.16 U | 5.5 | 0.65 | 0.16 J | 0.11 J | <0.087 U | NA | |
| WS-LC-0025 | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | <0.14 U | <0.14 U | <0.14 U | <0.13 U | <0.15 U | <0.16 U | 0.15 J | <0.16 U | 0.17 J | <0.16 U | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluoroheptanoic acid (PFHpA) | µg/kg | <0.10 U | 0.37 | 0.90 | 1.3 | 0.31 | 0.30 | 0.93 | 0.65 | 1.5 | 0.82 | 0.76 | 2.7 | 1.7 | 0.92 | NA | |
| WS-LC-0025 | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | <0.14 U | 0.21 J | 0.26 | 0.23 | <0.15 U | <0.16 U | 1.8 | 0.23 J | 0.23 J | 0.24 J | 0.46 | 2.2 | 0.52 | 0.18 J | NA | |
| WS-LC-0025 | Perfluorohexanoic acid (PFHxA) | µg/kg | 0.54 | 0.32 | 1.5 | 1.2 | 0.81 | 1.1 | 3.5 | 1.5 | 0.92 | 1.7 | 1.3 | 3.9 | 1.2 | 0.79 | NA | |
| WS-LC-0025 | Perfluorononanoic acid (PFNA) | µg/kg | <0.099 U | 1.0 | 0.66 | 0.34 | 0.35 | <0.11 U | 0.88 | 1.5 | 15 | 2.9 | 2.0 | 1.6 | 5.3 | 0.21 J | NA | |
| WS-LC-0025 | Perfluorooctane Sulfonamide (PFOSA) | µg/kg | 0.40 | 0.15 J | 260 | 87 | 19 | 2.7 | 110 | 22 | 1.7 | 6.3 | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluorooctanesulfonic acid (PFOS) | µg/kg | 0.22 J | 2.8 | 14 | 380 | 8.8 | 1.3 | 190 | 11 | 45 | 19 | 85 D | 9.0 | 21 | 2.2 | NA | |
| WS-LC-0025 | Perfluorooctanoic acid (PFOA) | µg/kg | 0.73 | 1.4 | 80 | 73 | 5.9 | 2.0 | 75 | 25 | 23 | 33 | 3.7 | 19 | 6.5 | 5.1 | NA | |
| WS-LC-0025 | Perfluoropentanoic acid (PFPeA) | µg/kg | 0.20 J | 0.31 | 0.60 | 0.54 | 0.24 J | 0.69 | 0.82 | 0.76 | 0.83 | 0.68 | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluorotetradecanoic acid (PFTeA) | µg/kg | <0.069 U | <0.069 U | <0.069 U | <0.062 U | <0.073 U | <0.078 U | <0.067 U | 1.3 | <0.077 U | <0.077 U | 0.24 | <0.067 U | <0.062 U | <0.070 U | NA | |
| WS-LC-0025 | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | <0.11 U | <0.11 U | 0.37 | <0.098 U | <0.12 U | <0.12 U | <0.11 U | 6.5 | <0.12 U | 4.7 | <0.061 U | <0.064 U | <0.059 U | <0.066 U | NA | |
| WS-LC-0025 | Perfluoroundecanoic acid (PFUdA) | µg/kg | 0.20 J | <0.13 U | 0.46 | 7.5 | 6.2 | 0.77 | 7.8 | 2.7 | <0.14 U | 3.4 | 3.2 | 2.4 | 2.0 | 0.29 | NA | |
| PFC_IDA | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorobutane sulfonic acid (PFBS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |

Notes on Page 4.

Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-102 | SS-103 | SS-104 | SS-105 | SS-106 | | SS-107 | SS-108 | SS-109 | SS-110 | SS-113 | | SS-114 | | | |
|---------|---------------------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|---|
| | | Sample Date | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 9/1/2016 | 6/28/2018 | 6/28/2018 | 6/28/2018 | 6/28/2018 | |
| | | Depth (feet) | 3 | 3 | 3 | 2 | 1 | 8 | 3 | 3 | 3 | 3 | 3 | 0-0.5 | 7.5-8 | 0-0.5 | 7.5-8 | |
| | | Sample Type | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| | | Unit | | | | | | | | | | | | | | | | |
| PFC_IDA | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |

Notes:

Detections are in bold.

< = analyte not detected above corresponding method detection limit

FD = field duplicate sample type

µg/kg = micrograms per kilogram

N = normal sample type

NA = not analyzed

Laboratory Qualifiers:

B = Compound was found in the blank and sample.

D = Concentration is based on a diluted sample analysis.

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery is outside acceptance limits.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-115 | | SS-116 | | SS-117 | | | SS-118 | | SS-119 | | SS-120 | |
|------------|--|--------------|----------------|----------------|---------------|----------------|--------------|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|
| | | Sample Date | 6/28/2018 | 6/28/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 7/23/2018 | 7/23/2018 | 6/29/2018 | 6/29/2018 |
| | | Depth (feet) | 0-0.5 | 1-1.5 | 0-0.5 | 3-4 | 0-0.5 | 3-4 | 3-4 | 0-1 | 7-8 | 0-1 | 7-8 | 0-1 | 7-8 |
| | | Sample Type | N | N | N | N | N | N | FD | N | N | N | N | N | N |
| | | Unit | | | | | | | | | | | | | |
| PFASs | Perfluorobutane Sulfonate (PFBS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorotridecanoic acid (PFTrDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | 6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | 8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | <0.39 U | 0.51 J | 0.92 J | <0.42 U | 2.2 J | <0.42 U | <0.42 U | 0.41 J | <0.45 U | <0.45 U | <0.44 U | <0.47 U | <0.46 U |
| WS-LC-0025 | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | <0.41 U | <0.45 U | <0.43 U | <0.44 U | <0.46 U | <0.45 U | <0.44 U | <0.43 U | <0.48 U | <0.47 U | <0.47 U | <0.49 U | <0.48 U |
| WS-LC-0025 | Perfluorobutane sulfonic acid (PFBS) | µg/kg | <0.026 U | <0.029 U | <0.028 U | <0.028 U | <0.029 U | <0.029 U | <0.028 U | <0.028 U | <0.031 U | <0.030 U | <0.030 U | <0.032 U | <0.031 U |
| WS-LC-0025 | Perfluorobutanoic acid (PFBA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorodecanoic acid (PFDA) | µg/kg | 0.80 | 0.61 | 1.4 | 0.72 | 6.9 | 0.41 | 0.84 | 1.8 | 0.15 J | 0.88 | <0.026 U | 1.5 | <0.027 U |
| WS-LC-0025 | Perfluorododecanoic acid (PFDoA) | µg/kg | 0.92 | 2.8 | 0.34 | 0.39 J | 1.1 | <0.077 U | 0.10 J | 0.27 | <0.082 U | 0.083 J | <0.080 U | 0.22 J | <0.083 U |
| WS-LC-0025 | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluoroheptanoic acid (PFHpA) | µg/kg | 0.25 | 0.16 J | 0.50 | 0.37 | 1.4 | 0.080 J | 0.071 J | 0.47 | 2.4 | 2.1 | 0.11 J | 1.3 | 0.26 |
| WS-LC-0025 | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | 0.095 J | 0.039 J | <0.034 U | 0.045 J | 0.35 | <0.036 U | <0.035 U | 0.18 J | 0.54 | 0.13 J | <0.037 U | 0.51 | 0.038 J |
| WS-LC-0025 | Perfluorohexanoic acid (PFHxA) | µg/kg | 0.40 | 0.24 | 0.63 | 0.32 | 1.5 | 0.15 J | 0.16 J | 0.84 | 9.5 | 1.7 | 0.83 J | 2.1 | 0.65 |
| WS-LC-0025 | Perfluorononanoic acid (PFNA) | µg/kg | 0.24 | 0.11 J | 0.54 | 0.26 | 2.1 | 0.16 J | 0.33 | 0.66 | 0.68 | 5.2 | 0.12 J | 3.2 | 0.22 J |
| WS-LC-0025 | Perfluorooctane Sulfonamide (PFOSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorooctanesulfonic acid (PFOS) | µg/kg | 0.22 J | 0.72 | 0.67 | 0.41 J | 11 | <0.23 U | 1.4 | 7.9 | 1.2 | 2.3 | <0.24 U | 1.4 | <0.25 U |
| WS-LC-0025 | Perfluorooctanoic acid (PFOA) | µg/kg | 1.0 | 8.6 | 1.3 | 0.97 | 4.1 | 0.12 J | 0.20 J | 7.0 | 5.4 | 1.6 | 0.12 J | 4.2 | 0.36 |
| WS-LC-0025 | Perfluoropentanoic acid (PFPeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorotetradecanoic acid (PFTeA) | µg/kg | 0.56 | 0.24 | 0.11 J | <0.061 U | 0.34 | <0.062 U | <0.061 U | 0.091 J | <0.066 U | <0.065 U | <0.065 U | 0.082 J | <0.067 U |
| WS-LC-0025 | Perfluorotridecanoic acid (PFTrDA) | µg/kg | 1.6 | 3.0 | <0.056 U | <0.057 UJ | <0.060 U | <0.058 U | 0.064 J | <0.057 U | <0.063 U | 0.14 J | <0.061 U | 0.25 | <0.063 U |
| WS-LC-0025 | Perfluoroundecanoic acid (PFUdA) | µg/kg | 1.2 | 1.9 | 0.83 | 0.86 | 8.6 | 0.17 J | 0.32 | 1.9 | <0.044 U | 0.37 | <0.043 U | 0.88 | <0.045 U |
| PFC_IDA | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluorobutane sulfonic acid (PFBS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

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Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-115 | | SS-116 | | SS-117 | | | SS-118 | | SS-119 | | SS-120 | |
|---------|---------------------------------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | Sample Date | 6/28/2018 | 6/28/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 7/23/2018 | 7/23/2018 | 6/29/2018 | 6/29/2018 |
| | | Depth (feet) | 0-0.5 | 1-1.5 | 0-0.5 | 3-4 | 0-0.5 | 3-4 | 3-4 | 0-1 | 7-8 | 0-1 | 7-8 | 0-1 | 7-8 |
| | | Sample Type | N | N | N | N | N | N | FD | N | N | N | N | N | N |
| | | Unit | | | | | | | | | | | | | |
| PFC_IDA | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |

Notes:

Detections are in bold.

< = analyte not detected above corresponding method detection limit

FD = field duplicate sample type

µg/kg = micrograms per kilogram

N = normal sample type

NA = not analyzed

Laboratory Qualifiers:

B = Compound was found in the blank and sample.

D = Concentration is based on a diluted sample analysis.

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery is outside acceptance limits.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-121 | | SS-122 | | SS-123 | | SS-124 | | | SS-125 | | SS-126 | | |
|------------|--|--------------|---------------|----------------|--------------|----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|
| | | Sample Date | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 7/23/2018 | 7/23/2018 | 7/23/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | |
| | | Depth (feet) | 0-1 | 7-8 | 0-0.5 | 7-8 | 0-1 | 7-8 | 0-1 | 7-8 | 7-8 | 0-1 | 7-8 | 0-1 | 7-8 | |
| | | Sample Type | N | N | N | N | N | N | N | N | N | FD | N | N | N | N |
| | | Unit | | | | | | | | | | | | | | |
| PFASs | Perfluorobutane Sulfonate (PFBS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluorotridecanoic acid (PFTrDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFASs | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | 6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | 8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | <0.41 U | <0.46 U | <0.47 U | <0.46 U | <0.39 U | <0.44 U | 0.49 J | <0.46 U | <0.46 U | <0.44 U | <0.46 U | <0.44 U | <0.44 U | |
| WS-LC-0025 | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | <0.43 U | <0.48 U | <0.50 U | <0.48 U | <0.41 U | <0.46 U | <0.45 U | <0.49 U | <0.48 U | <0.46 U | <0.48 U | <0.47 U | <0.46 U | |
| WS-LC-0025 | Perfluorobutane sulfonic acid (PFBS) | µg/kg | <0.027 U | <0.031 U | <0.032 U | <0.031 U | <0.026 U | <0.029 U | <0.029 U | <0.031 U | <0.031 U | <0.030 U | <0.031 U | <0.030 U | <0.030 U | |
| WS-LC-0025 | Perfluorobutanoic acid (PFBA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluorodecanoic acid (PFDA) | µg/kg | 7.6 | 1.0 | 80 D | 2.6 | 2.0 | 0.44 | 1.5 | 0.055 J | 0.068 J | 1.7 | 0.052 J | 1.4 | 0.071 J | |
| WS-LC-0025 | Perfluorododecanoic acid (PFDoA) | µg/kg | 1.8 | <0.083 U | 4.8 | <0.083 U | 1.4 | <0.079 U | 0.35 | <0.083 U | <0.082 U | 0.23 J | <0.083 U | 0.12 J | <0.079 U | |
| WS-LC-0025 | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluoroheptanoic acid (PFHpA) | µg/kg | 0.92 | 0.44 | 11 | 1.6 | 0.53 | 0.11 J | 2.3 | 1.3 | 1.4 | 2.1 | 0.062 J | 0.75 | 0.24 | |
| WS-LC-0025 | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | 0.12 J | 0.080 J | 5.1 | 3.9 | <0.033 U | <0.037 U | 0.24 | 0.13 J | 0.11 J | 0.31 | <0.038 U | 0.062 J | <0.037 U | |
| WS-LC-0025 | Perfluorohexanoic acid (PFHxA) | µg/kg | 1.7 | 0.50 | 12 | 1.8 | 3.1 | 1.2 | 3.6 | 3.8 | 3.8 | 3.2 | 0.37 | 1.4 | 0.33 | |
| WS-LC-0025 | Perfluorononanoic acid (PFNA) | µg/kg | 2.0 | 1.0 | 41 D | 4.4 | 0.53 | 0.25 | 1.9 | 0.068 J | 0.093 J | 7.8 | <0.044 U | 2.9 | 0.49 | |
| WS-LC-0025 | Perfluorooctane Sulfonamide (PFOSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluorooctanesulfonic acid (PFOS) | µg/kg | 4.4 | 19 | 28 D | 12 | 0.41 J | 0.60 | 5.4 | 2.7 | 2.3 | 6.5 | <0.25 U | 5.8 | 6.9 | |
| WS-LC-0025 | Perfluorooctanoic acid (PFOA) | µg/kg | 27 D | 7.8 | 440 D | 12 | 2.0 | 0.15 J | 4.1 | 7.2 | 5.8 | 5.0 | <0.11 U | 1.4 | 0.41 | |
| WS-LC-0025 | Perfluoropentanoic acid (PFPeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| WS-LC-0025 | Perfluorotetradecanoic acid (PFTeA) | µg/kg | 0.73 | <0.067 U | 2.3 | <0.067 U | 0.60 | <0.064 U | 0.093 J | <0.067 U | <0.066 U | 0.068 J | <0.067 U | <0.065 U | <0.064 U | |
| WS-LC-0025 | Perfluorotridecanoic acid (PFTrDA) | µg/kg | <0.056 U | <0.063 U | 61 D | 0.097 J | 0.56 | <0.060 U | 0.65 | <0.063 U | <0.063 U | 0.31 | <0.063 U | <0.061 U | <0.060 U | |
| WS-LC-0025 | Perfluoroundecanoic acid (PFUdA) | µg/kg | 5.4 | 0.14 J | 99 D | 2.2 | 2.1 | <0.042 U | 1.7 | 0.050 J | 0.098 J | 0.97 | <0.044 U | 0.43 | <0.043 U | |
| PFC_IDA | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| PFC_IDA | Perfluorobutane sulfonic acid (PFBS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |

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Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-121 | | SS-122 | | SS-123 | | SS-124 | | | SS-125 | | SS-126 | |
|---------|---------------------------------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | Sample Date | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 7/23/2018 | 7/23/2018 | 7/23/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 | 6/29/2018 |
| | | Depth (feet) | 0-1 | 7-8 | 0-0.5 | 7-8 | 0-1 | 7-8 | 0-1 | 7-8 | 7-8 | 0-1 | 7-8 | 0-1 | 7-8 |
| | | Sample Type | N | N | N | N | N | N | N | N | FD | N | N | N | N |
| | | Unit | | | | | | | | | | | | | |
| PFC_IDA | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluorotridecanoic acid (PFTrDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

Notes:

Detections are in bold.

< = analyte not detected above corresponding method detection limit

FD = field duplicate sample type

µg/kg = micrograms per kilogram

N = normal sample type

NA = not analyzed

Laboratory Qualifiers:

B = Compound was found in the blank and sample.

D = Concentration is based on a diluted sample analysis.

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery is outside acceptance limits.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-127 | | SS-128 | | SS-129 | SS-130 | SS-131 | SS-132 | SS-133 | SS-134 | SS-135 | SS-136 |
|------------|--|--------------|----------------|----------------|--------------|---------------|---------------|-----------|-----------|--------------|----------------|-----------|---------------|-----------|
| | | Sample Date | 6/29/2018 | 6/29/2018 | 7/23/2018 | 7/23/2018 | 7/23/2018 | 7/17/2019 | 7/17/2019 | 7/16/2019 | 7/30/2019 | 7/17/2019 | 7/17/2019 | 7/17/2019 |
| | | Depth (feet) | 0-0.5 | 7-8 | 7-8 | 7-8 | 2-3 | 0.5-1.5 | 0.5-2 | 0.75-1 | 0.8-1.39 | 0.8-1.7 | 0.69-1.6 | 0.6-2 |
| | | Sample Type | N | N | N | FD | N | N | N | N | N | N | N | N |
| | | Unit | | | | | | | | | | | | |
| PFASs | Perfluorobutane Sulfonate (PFBS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| PFASs | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | 6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | 8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | <0.39 U | <0.44 U | <0.47 U | <0.45 U | 240 D | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | <0.41 U | <0.47 U | <0.50 U | <0.47 U | 0.71 J | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorobutane sulfonic acid (PFBS) | µg/kg | <0.027 U | <0.030 U | <0.032 U | <0.030 U | <0.026 U | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorobutanoic acid (PFBA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorodecanoic acid (PFDA) | µg/kg | 0.56 | 0.11 J | 1.1 | 0.79 | 12 | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorododecanoic acid (PFDoA) | µg/kg | 0.74 | <0.080 U | <0.086 U | <0.081 U | 0.16 J | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluoroheptanoic acid (PFHpA) | µg/kg | 0.46 | 0.49 | 3.9 | 5.6 | 2.1 | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | 0.091 J | <0.037 U | 0.86 | 0.73 | 1.3 | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorohexanoic acid (PFHxA) | µg/kg | 0.89 | 0.72 | 4.9 J | 8.3 J | 2.3 | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorononanoic acid (PFNA) | µg/kg | 0.34 | 0.26 | 1.1 | 1.2 | 0.59 | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorooctane Sulfonamide (PFOSA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorooctanesulfonic acid (PFOS) | µg/kg | 0.38 J | 0.33 J | 4.5 | 3.2 | 450 D | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorooctanoic acid (PFOA) | µg/kg | 1.8 | 0.35 | 66 DJ | 190 DJ | 87 D | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluoropentanoic acid (PFPeA) | µg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorotetradecanoic acid (PFTeA) | µg/kg | 0.27 | <0.065 U | <0.069 U | <0.065 U | <0.056 UJ | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | <0.054 U | <0.061 U | <0.065 U | <0.061 U | <0.053 U | NA | NA | NA | NA | NA | NA | NA |
| WS-LC-0025 | Perfluoroundecanoic acid (PFUdA) | µg/kg | 1.4 | 0.053 J | 1.5 J | 0.20 J | 0.12 J | NA | NA | NA | NA | NA | NA | NA |
| PFC_IDA | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | NA | NA | NA | NA | NA | <0.48 U | <0.44 U | 1.3 J | 12 | <0.41 U | 190 DJ | <0.47 U |
| PFC_IDA | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | NA | NA | NA | NA | NA | <0.51 U | <0.47 U | <0.45 U | 0.83 J | <0.43 U | 1.0 J | <0.50 U |
| PFC_IDA | Perfluorobutane sulfonic acid (PFBS) | µg/kg | NA | NA | NA | NA | NA | <0.033 U | <0.030 U | <0.029 U | 0.031 J | <0.028 U | <0.026 U | <0.032 U |

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Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-127 | | SS-128 | | SS-129 | SS-130 | SS-131 | SS-132 | SS-133 | SS-134 | SS-135 | SS-136 |
|---------|---------------------------------------|--------------|-----------|-----------|-----------|-----------|-----------|----------------|-------------|----------------|---------------|----------------|----------------|---------------|
| | | Sample Date | 6/29/2018 | 6/29/2018 | 7/23/2018 | 7/23/2018 | 7/23/2018 | 7/17/2019 | 7/17/2019 | 7/16/2019 | 7/30/2019 | 7/17/2019 | 7/17/2019 | 7/17/2019 |
| | | Depth (feet) | 0-0.5 | 7-8 | 7-8 | 7-8 | 2-3 | 0.5-1.5 | 0.5-2 | 0.75-1 | 0.8-1.39 | 0.8-1.7 | 0.69-1.6 | 0.6-2 |
| | | Sample Type | N | N | N | FD | N | N | N | N | N | N | N | N |
| | | Unit | | | | | | | | | | | | |
| PFC_IDA | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA | NA | NA | 0.12 J | 7.5 | 0.54 | 55 D | 0.14 J | 42 | 1.8 |
| PFC_IDA | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA | NA | NA | <0.088 U | <0.081 U | 0.27 | 13 | <0.075 U | 0.077 J | 0.39 |
| PFC_IDA | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA | NA | NA | 0.38 | 0.45 | 0.30 | 6.4 J- | 0.24 | 1.4 | 0.14 J |
| PFC_IDA | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA | NA | NA | 0.081 J | 0.72 | 0.053 J | 9.3 | 0.078 J | 0.49 | 0.12 J |
| PFC_IDA | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA | NA | NA | 0.37 | 0.57 | 0.33 | 14 | 0.27 | 2.5 | 0.46 |
| PFC_IDA | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA | NA | NA | 1.4 | 0.30 | 0.44 | 31 D | 1.1 | 1.2 | 0.83 |
| PFC_IDA | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA | NA | NA | 3.1 | 18 | 17 | 800 D | 8.3 | 210 D | 14 |
| PFC_IDA | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA | NA | NA | 0.56 | 1.6 | 10 J | 32 D | 0.88 | 110 | 3.7 |
| PFC_IDA | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA | NA | NA | <0.071 U | <0.065 U | <0.062 U | 5.4 J- | <0.060 U | <0.056 U | <0.069 U |
| PFC_IDA | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | NA | NA | NA | NA | NA | <0.067 U | <0.061 U | 0.096 J | 31 D | <0.057 U | <0.053 U | 0.33 |
| PFC_IDA | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA | NA | NA | 0.086 J | 1.4 | 0.91 | 72 D | <0.040 U | 0.14 J | 5.0 |

Notes:

Detections are in bold.

< = analyte not detected above corresponding method detection limit

FD = field duplicate sample type

µg/kg = micrograms per kilogram

N = normal sample type

NA = not analyzed

Laboratory Qualifiers:

B = Compound was found in the blank and sample.

D = Concentration is based on a diluted sample analysis.

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery is outside acceptance limits.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-137 | SS-138 | SS-139 |
|------------|--|--------------|-----------|-----------|-----------|
| | | Sample Date | 7/16/2019 | 7/16/2019 | 7/16/2019 |
| | | Depth (feet) | 0.5-1.2 | 0.5-1.5 | 0.5-1.2 |
| | | Sample Type | N | N | N |
| | | Unit | | | |
| PFASs | Perfluorobutane Sulfonate (PFBS) | µg/kg | NA | NA | NA |
| PFASs | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA |
| PFASs | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA |
| PFASs | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA |
| PFASs | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA |
| PFASs | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA |
| PFASs | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA |
| PFASs | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA |
| PFASs | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA |
| PFASs | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA |
| PFASs | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA |
| PFASs | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA |
| PFASs | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | NA | NA | NA |
| PFASs | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | 6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | 8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorobutane sulfonic acid (PFBS) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorobutanoic acid (PFBA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorodecanesulfonic acid (PFDS) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorodecanoic acid (PFDA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorododecanoic acid (PFDoA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluoroheptanesulfonic Acid (PFHpS) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluoroheptanoic acid (PFHpA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorohexanoic acid (PFHxA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorononanoic acid (PFNA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorooctane Sulfonamide (PFOSA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorooctanesulfonic acid (PFOS) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorooctanoic acid (PFOA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluoropentanoic acid (PFPeA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorotetradecanoic acid (PFTeA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | NA | NA | NA |
| WS-LC-0025 | Perfluoroundecanoic acid (PFUdA) | µg/kg | NA | NA | NA |
| PFC_IDA | N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA) | µg/kg | <0.48 U | <0.44 U | <44 U |
| PFC_IDA | N-Methylperfluorooctane Sulfonamidoacetic Acid (MeFOSAA) | µg/kg | <0.51 U | <0.46 U | <46 U |
| PFC_IDA | Perfluorobutane sulfonic acid (PFBS) | µg/kg | <0.033 U | <0.029 U | <3.0 U |

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Table 1
Historical Soil Analytical Results
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Method | Chemical Name | Location | SS-137 | SS-138 | SS-139 |
|---------|---------------------------------------|--------------|---------------|----------------|-------------|
| | | Sample Date | 7/16/2019 | 7/16/2019 | 7/16/2019 |
| | | Depth (feet) | 0.5-1.2 | 0.5-1.5 | 0.5-1.2 |
| | | Sample Type | N | N | N |
| | | Unit | | | |
| PFC_IDA | Perfluorodecanoic acid (PFDA) | µg/kg | 3.3 | 0.045 J | 42 |
| PFC_IDA | Perfluorododecanoic acid (PFDoA) | µg/kg | 0.14 J | <0.079 U | <8.0 U |
| PFC_IDA | Perfluoroheptanoic acid (PFHpA) | µg/kg | 0.66 | 0.85 | 25 |
| PFC_IDA | Perfluorohexane sulfonic acid (PFHxS) | µg/kg | 0.13 J | <0.036 U | <3.7 U |
| PFC_IDA | Perfluorohexanoic acid (PFHxA) | µg/kg | 1.8 | 0.46 | 33 |
| PFC_IDA | Perfluorononanoic acid (PFNA) | µg/kg | 3.7 | 0.52 | 63 |
| PFC_IDA | Perfluorooctanesulfonic acid (PFOS) | µg/kg | 5.2 | 0.59 | <24 U |
| PFC_IDA | Perfluorooctanoic acid (PFOA) | µg/kg | 2.0 | 0.82 | 1100 |
| PFC_IDA | Perfluorotetradecanoic acid (PFTeA) | µg/kg | <0.071 U | <0.064 U | <6.4 U |
| PFC_IDA | Perfluorotridecanoic acid (PFTTrDA) | µg/kg | <0.067 U | <0.060 U | <6.1 U |
| PFC_IDA | Perfluoroundecanoic acid (PFUdA) | µg/kg | 0.75 | <0.042 U | 83 |

Notes:

Detections are in bold.

< = analyte not detected above corresponding method detection limit

FD = field duplicate sample type

µg/kg = micrograms per kilogram

N = normal sample type

NA = not analyzed

Laboratory Qualifiers:

B = Compound was found in the blank and sample.

D = Concentration is based on a diluted sample analysis.

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery is outside acceptance limits.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 3
Advanced Research and Testing Facility - Volatile Organic Compound Data
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Analyte | Industrial Direct Contact RCL | Soil to Groundwater Pathway RCL | Units | SP-01 | SP-02 | SP-03 | SP-04 | SP-05 | SP-06 | SP-07 | SP-08 | SP-09 | SP-10 | SP-11 | SP-12 | SP-13 | SP-14 |
|---------------------------|-------------------------------|---------------------------------|-------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | 7/13/2020 | 7/28/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/13/2020 |
| Naphthalene | 26,000 | 658.2 | µg/kg | 1,200 | <36 | 51 | <39 | <38 | <33 | <37 | <39 | <32 | <34 | <35 | <40 | <36 | 41 |
| n-Butylbenzene | 108,000 | - | µg/kg | <37 | <41 | <38 | <45 | <44 | <38 | <43 | <45 | <37 | <40 | <40 | <46 | <42 | <44 |
| n-Propylbenzene | 264,000 | - | µg/kg | 210 | <44 | <40 | <48 | <47 | <41 | <46 | <48 | <40 | <42 | <43 | <49 | <45 | <47 |
| sec-Butylbenzene | 145,000 | - | µg/kg | 180 | <42 | 58 | <46 | <45 | <39 | <44 | <46 | <38 | <41 | <41 | <47 | <43 | <45 |
| Styrene (Monomer) | 867,000 | 220.0 | µg/kg | <37 | <41 | <38 | <45 | <44 | <38 | <42 | <45 | <37 | <39 | <40 | <46 | <42 | <44 |
| tert-Butylbenzene | 183,000 | - | µg/kg | <38 | <42 | <39 | <46 | <45 | <39 | <44 | <46 | <38 | <41 | <41 | <47 | <43 | <45 |
| Tetrachloroethene | 153,000 | 4.5 | µg/kg | <35 | <39 | <36 | <43 | <42 | <36 | <41 | <43 | <36 | <38 | <38 | <44 | <40 | <42 |
| Toluene | 818,000 | 1,107.2 | µg/kg | 420 | <16 | 27 | <17 | <17 | <14 | <16 | <17 | <14 | <15 | <15 | <17 | <16 | <17 |
| Total Xylenes | 260,000 | 3,960 | µg/kg | 2,500 | <23 | 250 | <26 | <25 | <22 | <24 | <26 | <21 | <22 | <23 | <26 | <24 | <25 |
| trans-1,2-Dichloroethene | 1,850,000 | 62.6 | µg/kg | <33 | <37 | <34 | <41 | <40 | <34 | <38 | <41 | <34 | <36 | <36 | <41 | <38 | <40 |
| trans-1,3-Dichloropropene | 1,510,000 | 0.3 | µg/kg | <34 | <39 | <35 | <42 | <41 | <35 | <40 | <42 | <35 | <37 | <38 | <43 | <39 | <41 |
| Trichloroethene | 8,810 | 3.6 | µg/kg | <16 | <17 | <16 | <19 | <19 | <16 | <18 | <19 | <16 | <17 | <17 | <19 | <18 | <19 |
| Vinyl chloride | 2,030 | 0.1 | µg/kg | <25 | <28 | <25 | <31 | <30 | <26 | <29 | <30 | <25 | <27 | <27 | <31 | <28 | <30 |

Notes:

BOLD = Exceeds Soil to Groundwater Pathway RCL

< = analyte not detected above corresponding method detection limit

Italics = Exceeds Industrial Direct Contact RCL

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

µg/kg = micrograms per kilogram

NS = not sampled

RCL = Residual Contaminant Level

VOC = volatile organic compound

Table 3
Advanced Research and Testing Facility - Volatile Organic Compounds Data
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Analyte | Industrial Direct Contact RCL | Soil to Groundwater Pathway RCL | Units | SP-15 | SP-16 | SP-17 | SP-18 | SP-19 | SP-20 | SP-21 | SP-22 | SP-23 | SP-24 | SP-25 | SP-26 | BLDG-114 |
|-----------------------------|-------------------------------|---------------------------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 |
| 1,1,1,2-Tetrachloroethane | 12,900 | 53.4 | µg/kg | <53 | <55 | <43 | <45 | <50 | <50 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,1,1-Trichloroethane | 640,000 | 140.2 | µg/kg | <44 | <45 | <35 | <37 | <41 | <41 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,1,2,2-Tetrachloroethane | 3,690 | 2 | µg/kg | <46 | <47 | <37 | <39 | <43 | <43 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,1,2-Trichloroethane | 7,340 | 3.2 | µg/kg | <41 | <42 | <33 | <34 | <38 | <38 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,1-Dichloroethane | 23,700 | 483.4 | µg/kg | <47 | <49 | <38 | <40 | <44 | <45 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,1-Dichloroethene | 1,190,000 | 5 | µg/kg | <45 | <46 | <36 | <38 | <42 | <43 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,1-Dichloropropene | - | - | µg/kg | <34 | <36 | <28 | <29 | <32 | <33 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,2,3-Trichlorobenzene | 818,000 | NS | µg/kg | <53 | <55 | <42 | <45 | <49 | <50 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,2,3-Trichloropropane | 95 | 51.9 | µg/kg | <48 | <49 | <38 | <40 | <45 | <45 | <110 | <100 | <110 | <140 | <130 | <270 | <120 |
| 1,2,4-Trichlorobenzene | 98,700 | 408 | µg/kg | <40 | <41 | <32 | <33 | <37 | <37 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,2,4-Trimethylbenzene | 219,000 | 1,382.1 | µg/kg | <41 | <43 | <33 | <35 | <39 | <39 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,2-Dibromo-3-chloropropane | 99 | 0.2 | µg/kg | <230 | <240 | <180 | <190 | <210 | <220 | <290 | <260 | <280 | <340 | <330 | <670 | <300 |
| 1,2-Dibromoethane | 230 | 0.0282 | µg/kg | <45 | <46 | <36 | <38 | <42 | <42 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,2-Dichlorobenzene | 376,000 | 1,168 | µg/kg | <39 | <40 | <31 | <33 | <36 | <36 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,2-Dichloroethane | 3,030 | 2.8 | µg/kg | <45 | <47 | <36 | <38 | <42 | <43 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,2-Dichloropropane | 6,620 | 3.3 | µg/kg | <50 | <51 | <40 | <42 | <46 | <47 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,3,5-Trimethylbenzene | 182,000 | 1,382.1 | µg/kg | <44 | <45 | <35 | <37 | <41 | <41 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,3-Dichlorobenzene | 297,000 | 1,152.8 | µg/kg | <46 | <48 | <37 | <39 | <43 | <44 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,3-Dichloropropane | 1,490,000 | - | µg/kg | <42 | <43 | <34 | <35 | <39 | <39 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 1,4-Dichlorobenzene | 17,500 | 144 | µg/kg | <42 | <43 | <34 | <35 | <39 | <40 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 2,2-Dichloropropane | 191,000 | - | µg/kg | <51 | <53 | <41 | <43 | <48 | <48 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 2-Chlorotoluene | 907,000 | - | µg/kg | <36 | <37 | <29 | <31 | <34 | <34 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| 4-Chlorotoluene | 253,000 | - | µg/kg | <40 | <42 | <32 | <34 | <38 | <38 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Benzene | 7,410 | 5.1 | µg/kg | <17 | <17 | <14 | <14 | <16 | <16 | <14 | <13 | <14 | <17 | <16 | <34 | <15 |
| Bromobenzene | 679,000 | - | µg/kg | <41 | <42 | <33 | <35 | <38 | <39 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Bromochloromethane | 976,000 | - | µg/kg | <50 | <51 | <40 | <42 | <46 | <47 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Bromodichloromethane | 1,960 | 0.3 | µg/kg | <43 | <44 | <34 | <36 | <40 | <41 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Bromoform | 115,000 | 2.3 | µg/kg | <56 | <58 | <45 | <47 | <52 | <53 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Bromomethane | 46,000 | 5.1 | µg/kg | <92 | <95 | <74 | <78 | <86 | <87 | <170 | <160 | <170 | <210 | <200 | <400 | <180 |
| Carbon Tetrachloride | 4,250 | 3.9 | µg/kg | <44 | <46 | <36 | <37 | <41 | <42 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| CFC-11 | 1,230,000 | 4477.5 | µg/kg | <50 | <51 | <40 | <42 | <46 | <47 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| CFC-12 | 571,000 | 3,086.3 | µg/kg | <78 | <80 | <62 | <66 | <73 | <74 | <170 | <160 | <170 | <210 | <200 | <400 | <180 |
| Chlorobenzene | 761,000 | 135.8 | µg/kg | <45 | <46 | <36 | <38 | <42 | <42 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Chlorodibromomethane | 34,100 | 32 | µg/kg | <56 | <58 | <45 | <48 | <53 | <53 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Chloroethane | 2,120,000 | 226.6 | µg/kg | <58 | <60 | <47 | <49 | <54 | <55 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Chloroform | 2,130 | 3.3 | µg/kg | <43 | <44 | <34 | <36 | <40 | <40 | <110 | <100 | <110 | <140 | <130 | <270 | <120 |
| Chloromethane | 720,000 | 15.5 | µg/kg | <37 | <38 | <30 | <31 | <35 | <35 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| cis-1,2-Dichloroethene | 2,040,000 | 41.2 | µg/kg | <47 | <49 | <38 | <40 | <44 | <45 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| cis-1,3-Dichloropropene | 1,210,000 | 0.3 | µg/kg | <48 | <50 | <39 | <41 | <45 | <45 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Cymene (p-Isopropyltoluene) | 162,000 | - | µg/kg | <42 | <43 | <34 | <35 | <39 | <39 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Dibromomethane | 154,000 | - | µg/kg | <31 | <32 | <25 | <26 | <29 | <29 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Dichloromethane | 1,070,000 | 2.6 | µg/kg | <190 | <190 | <150 | <160 | <180 | <180 | 250 J | 240 J | 260 J | 310 J | 290 J | 600 J | 280 J |
| Di-isopropyl ether | 2,260,000 | - | µg/kg | <32 | <33 | <26 | <27 | <30 | <30 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Ethylbenzene | 37,000 | 1,570 | µg/kg | <21 | <22 | <17 | <18 | <20 | <20 | <14 | <13 | <14 | <17 | <16 | <34 | <15 |
| Hexachloro-1,3-butadiene | 7,450 | - | µg/kg | <52 | <53 | <41 | <43 | <48 | <49 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Isopropylbenzene | - | - | µg/kg | <44 | <46 | <36 | <37 | <41 | <42 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Methyl-tert-butylether | 293,000 | 27 | µg/kg | <46 | <47 | <37 | <38 | <43 | <43 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |

Notes on Page 4.

Table 3
Advanced Research and Testing Facility - Volatile Organic Compounds Data
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Analyte | Industrial Direct Contact RCL | Soil to Groundwater Pathway RCL | Units | SP-15 | SP-16 | SP-17 | SP-18 | SP-19 | SP-20 | SP-21 | SP-22 | SP-23 | SP-24 | SP-25 | SP-26 | BLDG-114 |
|---------------------------|-------------------------------|---------------------------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|
| | | | | 7/13/2020 | 7/13/2020 | 7/13/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 |
| Naphthalene | 26,000 | 658.2 | µg/kg | <39 | <40 | <31 | <33 | <36 | <36 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| n-Butylbenzene | 108,000 | - | µg/kg | <45 | <46 | <36 | <38 | <42 | <42 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| n-Propylbenzene | 264,000 | - | µg/kg | <48 | <49 | <38 | <40 | <45 | <45 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| sec-Butylbenzene | 145,000 | - | µg/kg | <46 | <47 | <37 | <39 | <43 | <43 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Styrene (Monomer) | 867,000 | 220.0 | µg/kg | <45 | <46 | <36 | <38 | <42 | <42 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| tert-Butylbenzene | 183,000 | - | µg/kg | <46 | <47 | <37 | <39 | <43 | <43 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Tetrachloroethene | 153,000 | 4.5 | µg/kg | <43 | <44 | <34 | <36 | <40 | <40 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Toluene | 818,000 | 1,107.2 | µg/kg | <17 | <18 | <14 | <14 | 53 | 580 | <14 | <13 | <14 | <17 | <16 | <34 | <15 |
| Total Xylenes | 260,000 | 3,960 | µg/kg | <25 | <26 | <20 | <21 | <24 | <24 | <29 | <26 | <28 | <34 | <33 | <67 | <30 |
| trans-1,2-Dichloroethene | 1,850,000 | 62.6 | µg/kg | <40 | <42 | <32 | <34 | <38 | <38 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| trans-1,3-Dichloropropene | 1,510,000 | 0.3 | µg/kg | <42 | <43 | <34 | <35 | <39 | <39 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |
| Trichloroethene | 8,810 | 3.6 | µg/kg | <19 | <20 | <15 | <16 | <18 | <18 | <29 | <26 | <28 | <34 | <33 | <67 | <30 |
| Vinyl chloride | 2,030 | 0.1 | µg/kg | <30 | <31 | <24 | <26 | <28 | <29 | <57 | <52 | <56 | <69 | <66 | <130 | <60 |

Notes:

BOLD = Exceeds Soil to Groundwater Pathway RCL

< = analyte not detected above corresponding method detection limit

Italics = Exceeds Industrial Direct Contact RCL

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

µg/kg = micrograms per kilogram

NS = not sampled

RCL = Residual Contaminant Level

VOC = volatile organic compound

Table 4
Advanced Research and Testing Facility - Per- and Poly-Fluoroalkyl Substances Data
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Analyte | Analyte | Units | SP-01 | SP-02 | SP-03 | SP-04 | SP-05 | SP-06 | SP-07 | SP-08 | SP-09 | SP-10 | SP-11 | SP-12 |
|---|----------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 |
| Perfluorobutanoic acid | PFBA | µg/kg | <22 | 4.0 J B | 86 B | 3.4 B | 2.6 B | 1.5 B | 2.2 B | 1.8 B | 29 B | 66 B | 25 B | 9.6 B |
| Perfluoropentanoic acid | PFPeA | µg/kg | <22 | <22 | 12 J | 3.8 | 4.2 | 1.9 | 2.4 | 3.5 | 12 | 64 | 5.8 | 12 |
| Perfluorohexanoic acid | PFHxA | µg/kg | 24 | 10 J | 35 | 9.5 | 4.0 | 2.1 | 1.9 | 2.8 | 36 | 65 | 14 | 10 |
| Perfluoroheptanoic acid | PFHpA | µg/kg | 15 J | 12 J | 39 | 5.4 | 1.6 | 0.83 | 0.55 | 0.90 J | 5.6 J | 6.2 J | 1.7 J | 2.0 J |
| Perfluorooctanoic acid | PFOA | µg/kg | 1,500.0 J | 1,300 | 4,800 | 700.0 | 54.0 | 7.20 | 5.9 | 7.2 | 370 | 66 J | 76.0 | 26.0 |
| Perfluorononanoic acid | PFNA | µg/kg | 4.4 J | 7.9 J | 24 | 2.0 | 1.9 | 1.6 | 0.84 | 1.3 | 2.7 J | 3.3 J | 2.0 J | 2.1 J |
| Perfluorodecanoic acid | PFDA | µg/kg | 18.0 J | 31 | 69 | 4.0 | 1.7 | 0.98 | 1.0 | 1.4 | 13 | 12 J | 6.1 | 3.2 |
| Perfluoroundecanoic acid | PFUnA | µg/kg | <22 | <22 | <22 | 0.58 | 0.91 | 0.83 | 0.87 | 1.4 | 5.7 J | 4.9 J | 3.4 J | 1.8 J |
| Perfluorododecanoic acid | PFDoA | µg/kg | <22 | <22 | <22 | 0.45 | 0.29 | 0.17 J | 0.23 J | <1.1 | 7.6 J | 7.1 J | 4.2 J | 1.4 J |
| Perfluorotridecanoic acid | PFTriA | µg/kg | <22 | <22 | <22 | 0.12 J | 0.11 J | 0.092 J | 0.10 J | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluorotetradecanoic acid | PFTeA | µg/kg | <22 | <22 | <22 | <0.28 | 0.058 J | 0.062 J | 0.087 J | <1.1 | 3.6 J | <13 | 2.3 J | <2.7 |
| Perfluoro-n-hexadecanoic acid | PFHxDA | µg/kg | <22 | <22 | <22 | <0.28 | 0.051 J | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluoro-n-octadecanoic acid | PFODA | µg/kg | <22 | <22 | <22 | <0.28 | <0.20 | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluorobutanesulfonic acid | PFBS | µg/kg | <22 | <22 | <22 | <0.28 | <0.20 | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluoropentanesulfonic acid | PFPeS | µg/kg | <22 | <22 | <22 | 0.28 | <0.20 | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluoroheptanesulfonic acid | PFHxS | µg/kg | 3.7 J | 7.1 J | 32 | 3.0 | 0.19 J | 0.11 J | 0.070 J | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluoroheptanesulfonic acid | PFHpS | µg/kg | 5.3 J | 11.0 J | 74 | 2.2 | 0.11 J | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluorooctanesulfonic acid | PFOS | µg/kg | 870.0 J | 1,500.0 J | 5,700 | 180.0 | 27.00 J | 6.00 J | 4.000 J | <3.8 | <67 | <17 | <26.0 | <14.0 |
| Perfluorononanesulfonic acid | PFNS | µg/kg | <22 | <22 | 6.1 J | 0.15 J | 0.047 J | 0.025 J | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluorodecanesulfonic acid | PFDS | µg/kg | <22 | <22 | 6.1 J | 0.33 | 0.26 | 0.30 | 0.076 J | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluorododecanesulfonic acid | PFDoS | µg/kg | <22 | <22 | <22 | <0.28 | <0.20 | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| Perfluorooctanesulfonamide | FOSA | µg/kg | 230 | 450 | 1,400 | 57 | 8.3 | 0.88 | 0.75 | 0.84 J | 22 | <13 | 8.9 | 2.7 |
| NEtFOSA | NEtFOSA | µg/kg | <22 | <22 | <22 | 0.051 J | <0.20 | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| NMeFOSA | NMeFOSA | µg/kg | <22 | <22 | <22 | 0.46 | 0.056 J | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| N-methylperfluorooctanesulfonamidoacetic acid | NMeFOSAA | µg/kg | <220 | <220 | <220 | <2.8 | <2.0 | <2.1 | <2.8 | <11 | <110 | <130 | <53 | <27 |
| N-ethylperfluorooctanesulfonamidoacetic acid | NEtFOSAA | µg/kg | <220 | <220 | <220 | 1.6 J | 0.44 J | <2.1 | 2.80 | <11 | <110 | <130 | <53 | <27 |
| NMeFOSE | NMeFOSE | µg/kg | <22 | <22 | <22 | <0.28 | <0.20 | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| NEtFOSE | NEtFOSE | µg/kg | <22 | <22 | <22 | 0.12 J | 0.12 J | 0.058 J | 0.094 J | 0.86 J | <11 | <13 | <5.3 | <2.7 |
| 4:2 FTS | 4:2 FTS | µg/kg | <220 | <220 | <220 | <2.8 | <2.0 | <2.1 | <2.8 | <11 | <110 | <130 | <53 | <27 |
| 6:2 FTS | 6:2 FTS | µg/kg | 25 J | 31 J | 78 J | 22 | 33 | 29 | 21 | 37 | 490 | 620 | 320 | 130 |
| 8:2 FTS | 8:2 FTS | µg/kg | <220 | <220 | <220 | 4.6 | 10 | 5.9 | 7.9 | 7.9 J | 350 | 430 | 260 | 69 |
| 10:2 FTS | 10:2 FTS | µg/kg | <22 | <22 | <22 | 0.96 | 1.80 | 1.20 | 2.0 | 2.3 | 170 | 180 | 130 | 34 |
| 4,8-Dioxa-3H-perfluorononanoic acid | DONA | µg/kg | <22 | <22 | <22 | <0.28 | <0.20 | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| HFPO-DA (GenX) | HFPO-DA (GenX) | µg/kg | <27 | <27 | <28 | <0.35 | <0.25 | <0.26 | <0.35 | <1.4 | <14 | <16 | <6.6 | <3.4 |
| F-53B Major | F-53B Major | µg/kg | <22 | <22 | <22 | <0.28 | <0.20 | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |
| F-53B Minor | F-53B Minor | µg/kg | <22 | <22 | <22 | <2.80 | <0.20 | <0.21 | <0.28 | <1.1 | <11 | <13 | <5.3 | <2.7 |

Notes:
< = analyte not detected above corresponding method detection limit
B = Compound was found in the blank and sample.
J = Reported value was between the limit of detection and the limit of quantitation.
µg/kg = micrograms per kilogram

Table 4
Advanced Research and Testing Facility - Per- and Poly-Fluoroalkyl Substances Data
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Analyte | Analyte | Units | SP-13 | SP-14 | SP-15 | SP-16 | SP-17 | SP-18 | SP-19 | SP-20 | SP-21 | SP-22 | SP-23 | SP-24 |
|---|----------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| | | | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 7/28/2020 | 11/16/2020 | 11/16/2020 | 11/16/2020 |
| Perfluorobutanoic acid | PFBA | µg/kg | 2.5 B | 0.17 J B | 39 B | 1.5 B | 29 B | 12 B | 1.6 J B | 1.9 B | 0.19 J | 0.95 | 0.38 | 2.4 |
| Perfluoropentanoic acid | PFPeA | µg/kg | 4.7 | 0.22 J | 7.5 J | 2.9 | 10 | <11 | <2.5 | 2.8 | 0.34 | 3.40 | 1.2 | 4.9 |
| Perfluorohexanoic acid | PFHxA | µg/kg | 2.1 | 0.13 J | 21 | 1.6 | 22 | 8.5 J | 1.0 J | 1.6 | 0.22 | 2.30 | 1.2 | 2.9 |
| Perfluoroheptanoic acid | PFHpA | µg/kg | 1.2 | 0.072 J | 1.9 J | 0.95 | 3.3 J | 1.8 J | <2.5 | 0.85 | 0.23 | 0.58 | 0.48 | 1.5 |
| Perfluorooctanoic acid | PFOA | µg/kg | 1.50 | 0.21 J | 9 | 1.20 | 8.0 | 6.2 J | 1.5 J | 1.4 | 0.20 J | 3.80 J | 1.10 | 1.7 |
| Perfluorononanoic acid | PFNA | µg/kg | 1.8 | 0.28 | 5.1 J | 1.5 | 1.8 J | 2.6 J | 1.2 J | 0.99 | 0.50 | 0.28 | 0.51 | 3.5 |
| Perfluorodecanoic acid | PFDA | µg/kg | 0.87 | 0.12 J | 16 | 0.92 | 7.4 | 6.9 J | 2.1 J | 1.0 | 0.15 J | 0.34 J | 0.48 | 2.1 |
| Perfluoroundecanoic acid | PFUnA | µg/kg | 0.50 | 0.048 J | 3.4 J | 0.84 | 3.5 J | 2.9 J | <2.5 | 0.76 | 0.038 J | 0.10 J | 0.061 J | 1.8 |
| Perfluorododecanoic acid | PFDoA | µg/kg | 0.16 J | <0.23 | 7.0 J | 0.18 J | 2.9 J | 3.9 J | <2.5 | 0.18 J | <0.21 | 0.14 J | <0.20 | 0.98 |
| Perfluorotridecanoic acid | PFTriA | µg/kg | 0.068 J | <0.23 | <10 | 0.078 J | <5.3 | <11 | <2.5 | 0.078 J | <0.21 | <0.20 | <0.20 | 0.29 |
| Perfluorotetradecanoic acid | PFTeA | µg/kg | 0.078 J | <0.23 | 2.8 J | <0.24 | 1.4 J | <11 | <2.5 | <0.25 | <0.21 | 0.056 J | <0.20 | 0.32 |
| Perfluoro-n-hexadecanoic acid | PFHxDA | µg/kg | 0.061 J | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | 0.11 J |
| Perfluoro-n-octadecanoic acid | PFODA | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| Perfluorobutanesulfonic acid | PFBS | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| Perfluoropentanesulfonic acid | PFPeS | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| Perfluorohexanesulfonic acid | PFHxS | µg/kg | 0.072 J | <0.23 | <10 | 0.076 J | <5.3 | <11 | <2.5 | 0.044 J | <0.21 | 0.034 J | 0.036 J | 0.12 J |
| Perfluoroheptanesulfonic acid | PFHpS | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| Perfluorooctanesulfonic acid | PFOS | µg/kg | 4.000 J | <1.10 | <26 | 3.100 J | <6.6 | <27 | <2.7 | 2.000 J | <0.42 | 2.700 J | 4.100 J | 3.00 J |
| Perfluorononanesulfonic acid | PFNS | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| Perfluorodecanesulfonic acid | PFDS | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | 0.090 J |
| Perfluorododecanesulfonic acid | PFDoS | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| Perfluorooctanesulfonamide | FOSA | µg/kg | <0.26 | <0.23 | <10 | 0.11 J | <5.3 | <11 | <2.5 | 0.20 J | <0.21 | 0.71 | <0.20 | 0.16 J |
| NEtFOSA | NEtFOSA | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| NMeFOSA | NMeFOSA | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| N-methylperfluorooctanesulfonamidoacetic acid | NMeFOSAA | µg/kg | <2.6 | <2.3 | <100 | <2.4 | <53.0 | <110 | <25 | <2.5 | <2.1 | <2.0 | <2.0 | <2.0 |
| N-ethylperfluorooctanesulfonamidoacetic acid | NEtFOSAA | µg/kg | <2.6 | <2.3 | <100 | <2.4 | <53.0 | <110 | <25 | <2.5 | <2.1 | <2.0 | <2.0 | <2.0 |
| NMeFOSE | NMeFOSE | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| NEtFOSE | NEtFOSE | µg/kg | 0.17 J | 0.23 | <10 | 0.28 | <5.3 | <11 | <2.5 | 0.46 | <0.21 | <0.20 | <0.20 | <0.20 |
| 4:2 FTS | 4:2 FTS | µg/kg | <2.6 | <2.3 | <100 | <2.4 | <53.0 | <110 | <25 | <2.5 | <2.1 | <2.0 | <2.0 | <2.0 |
| 6:2 FTS | 6:2 FTS | µg/kg | 8.4 | 1.2 J | 570 | 12 | 460 | 400 | 38 | 17 | 2.9 | 12 | 14 | 44 |
| 8:2 FTS | 8:2 FTS | µg/kg | 4.3 | 0.62 J | 500 | 4.1 | 370 | 380 | 89 | 3.5 | 0.78 J | 14 | 2.6 | 12 J |
| 10:2 FTS | 10:2 FTS | µg/kg | 0.77 | 0.13 J | 90 | 1.2 | 64 | 62 | 7.4 | 1.2 | <0.21 | 3.5 | 1.1 | 7.4 |
| 4,8-Dioxa-3H-perfluorononanoic acid | DONA | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| HFPO-DA (GenX) | HFPO-DA (GenX) | µg/kg | <0.32 | <0.28 | <13 | <0.30 | <6.6 | <13 | <3.1 | <0.31 | <0.26 | <0.25 | <0.24 | <0.26 |
| F-53B Major | F-53B Major | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |
| F-53B Minor | F-53B Minor | µg/kg | <0.26 | <0.23 | <10 | <0.24 | <5.3 | <11 | <2.5 | <0.25 | <0.21 | <0.20 | <0.20 | <0.20 |

Notes:
< = analyte not detected above corresponding method detection limit
B = Compound was found in the blank and sample.
J = Reported value was between the limit of detection and the limit of quantitation.
µg/kg = micrograms per kilogram

Table 4
Advanced Research and Testing Facility - Per- and Poly-Fluoroalkyl Substances Data
Soil Interim Remedial Action Design Report
Marinette, Wisconsin

| Analyte | Analyte | Units | SP-25 | SP-26 | Bldg 114 | B115 Soil (Inside) | B115 Soil (Outside) |
|---|----------------|-------|------------|------------|------------|--------------------|---------------------|
| | | | 11/16/2020 | 11/16/2020 | 11/16/2020 | 7/28/2020 | 7/28/2020 |
| Perfluorobutanoic acid | PFBA | µg/kg | 6.6 | 1.6 | 2.0 | 110 B | 0.93 B |
| Perfluoropentanoic acid | PFPeA | µg/kg | 14 | 4.8 | 0.63 | 97 | 1.3 |
| Perfluorohexanoic acid | PFHxA | µg/kg | 14 | 2.2 | 3.4 | 290 | 1.3 |
| Perfluoroheptanoic acid | PFHpA | µg/kg | 4.2 | 0.73 | 0.39 | 20 | 0.83 |
| Perfluorooctanoic acid | PFOA | µg/kg | 15.0 | 0.70 J | 1.90 | 230 | 2.6 |
| Perfluorononanoic acid | PFNA | µg/kg | 5.0 | 0.20 J | 0.14 J | 7.9 J | 7.4 |
| Perfluorodecanoic acid | PFDA | µg/kg | 9.3 | 0.17 J | 0.89 | 58 | 0.77 |
| Perfluoroundecanoic acid | PFUnA | µg/kg | 6.8 | <0.21 | 0.37 | 4.5 J | 0.25 |
| Perfluorododecanoic acid | PFDoA | µg/kg | 4.7 | <0.21 | 0.61 | 34 | 0.12 J |
| Perfluorotridecanoic acid | PFTriA | µg/kg | 1.2 | <0.21 | 0.18 J | <2.5 | <0.054 |
| Perfluorotetradecanoic acid | PFTeA | µg/kg | 1.4 | <0.21 | 0.37 | 14 | <0.058 |
| Perfluoro-n-hexadecanoic acid | PFHxDA | µg/kg | 0.16 J | <0.21 | 0.36 | <2.1 | <0.047 |
| Perfluoro-n-octadecanoic acid | PFODA | µg/kg | <0.21 | <0.21 | 0.20 | <1.4 | <0.030 |
| Perfluorobutanesulfonic acid | PFBS | µg/kg | <0.21 | <0.21 | <0.20 | <1.2 | <0.027 |
| Perfluoropentanesulfonic acid | PFPeS | µg/kg | <0.21 | <0.21 | <0.20 | <0.98 | <0.021 |
| Perfluorohexanesulfonic acid | PFHxS | µg/kg | 0.38 | <0.21 | <0.20 | <1.5 | 0.16 J |
| Perfluoroheptanesulfonic acid | PFHpS | µg/kg | 0.920 J I | <0.21 | <0.20 | <1.7 | 0.12 J |
| Perfluorooctanesulfonic acid | PFOS | µg/kg | 25.00 | <1.70 | <0.27 | <9.4 | 6.5 B |
| Perfluorononanesulfonic acid | PFNS | µg/kg | 0.058 J | <0.21 | <0.20 | <0.98 | <0.021 |
| Perfluorodecanesulfonic acid | PFDS | µg/kg | 0.076 J | <0.21 | 0.068 J | <1.9 | <0.042 |
| Perfluorododecanesulfonic acid | PFDoS | µg/kg | <0.21 | <0.21 | <0.20 | <2.9 | <0.064 |
| Perfluorooctanesulfonamide | FOSA | µg/kg | 2.80 | <0.21 | <0.20 | <4.0 | <0.088 |
| NEtFOSA | NEtFOSA | µg/kg | <0.21 | <0.21 | 0.032 J | <1.2 | <0.026 |
| NMeFOSA | NMeFOSA | µg/kg | 0.048 J | <0.21 | <0.20 | <2.0 | <0.044 |
| N-methylperfluorooctanesulfonamidoacetic acid | NMeFOSAA | µg/kg | <2.1 | <2.1 | <2.0 | <19 | <0.42 |
| N-ethylperfluorooctanesulfonamidoacetic acid | NEtFOSAA | µg/kg | 0.66 J | <2.1 | 0.61 J | <18 | <0.39 |
| NMeFOSE | NMeFOSE | µg/kg | <0.21 | <0.21 | <0.20 | <3.5 | <0.076 |
| NEtFOSE | NEtFOSE | µg/kg | <0.21 | <0.21 | <0.20 | <1.8 | 0.065 J |
| 4:2 FTS | 4:2 FTS | µg/kg | 1.1 J | <2.1 | 1.1 J | <18 | <0.39 |
| 6:2 FTS | 6:2 FTS | µg/kg | 540 | 5.2 | 110 | 700 | 5.3 |
| 8:2 FTS | 8:2 FTS | µg/kg | 560 | 1.8 J | 250 | 600 | 1.2 J |
| 10:2 FTS | 10:2 FTS | µg/kg | 37 | 0.10 J | 36 | 82 | 0.12 J J |
| 4,8-Dioxa-3H-perfluorononanoic acid | DONA | µg/kg | <0.21 | <0.21 | <0.20 | <0.88 | <0.019 |
| HFPO-DA (GenX) | HFPO-DA (GenX) | µg/kg | <0.27 | <0.26 | <0.25 | <5.4 | 0.13 J |
| F-53B Major | F-53B Major | µg/kg | <0.21 | <0.21 | <0.20 | <1.3 | <0.029 |
| F-53B Minor | F-53B Minor | µg/kg | <0.21 | <0.21 | <0.20 | <1.1 | <0.023 |

Notes:
< = analyte not detected above corresponding method detection limit
B = Compound was found in the blank and sample.
J = Reported value was between the limit of detection and the limit of quantitation.
µg/kg = micrograms per kilogram

APPENDIX B

SITE ACTIVITY PHOTOGRAPHS



1. View of soil containment area during loading activities.



2. View of soil containment area during loading activities.



3. View of soil containment area during loading activities.

**SITE PHOTOGRAPHS - SOIL INTERIM
REMEDIAL ACTION AND REMOVAL REPORT**

2700 INDUSTRIAL PARKWAY

MARINETTE, WISCONSIN

PROJECT NO:
415-004-005

Endpoint



4. View of soil containment area during loading activities.



5. View of soil containment area during loading activities.



6. View of soil loading.

**SITE PHOTOGRAPHS - SOIL INTERIM
REMEDIAL ACTION AND REMOVAL REPORT**

2700 INDUSTRIAL PARKWAY

MARINETTE, WISCONSIN

PROJECT NO:
415-004-005

Endpoint



7. View of soil loading.

8. View of roll off box with steel lid open to facilitate loading.



9. View of loaded roll off box.

| | |
|---|--|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 | |




7. View of steel lid being closed on loaded roll off box.



8. View of flatbed trailer following loading.



9. View of loaded roll off box preparing to depart the Site.

| | |
|--|---|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 |  |



10. View of Excavation Area A.

5. View of Excavation Area A.



6. View of Excavation Area A.

**SITE PHOTOGRAPHS - SOIL INTERIM
REMEDIAL ACTION AND REMOVAL REPORT**

2700 INDUSTRIAL PARKWAY

MARINETTE, WISCONSIN

PROJECT NO:
415-004-005

Endpoint



7. View of Excavation Area A.



8. View of Excavation Area A.



9. View of Excavation Area A.

| | |
|---|-----------------|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY | |
| MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 | Endpoint |



10. View of Excavation Area A.



11. View of Excavation Area B.



12. View of Excavation Area C.

| | |
|---|-----------------|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY | |
| MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 | Endpoint |



13. View of Excavation Area C.



14. View of Excavation Area C.



15. View of Excavation Area C.

**SITE PHOTOGRAPHS - SOIL INTERIM
REMEDIAL ACTION AND REMOVAL REPORT**

2700 INDUSTRIAL PARKWAY

MARINETTE, WISCONSIN

PROJECT NO:
415-004-005

Endpoint



16. View of Excavation Area C.



17. View of Excavation Area C.



18. View of Excavation Area C.

| | |
|---|-----------------|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY | |
| MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 | Endpoint |



19. View of Excavation Area C.



20. View of Excavation Area C.



21. View of Excavation Area D.

| | |
|---|-----------------|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY | |
| MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 | Endpoint |



22. View of Excavation Area D.

23. View of Excavation Area D.



24. View of Excavation Area D.

**SITE PHOTOGRAPHS - SOIL INTERIM
REMEDIAL ACTION AND REMOVAL REPORT**

2700 INDUSTRIAL PARKWAY

MARINETTE, WISCONSIN

PROJECT NO:
415-004-005

Endpoint



25. View of Excavation Area D.



26. View of Excavation Area D



27. View of Excavation Area D.

**SITE PHOTOGRAPHS - SOIL INTERIM
REMEDIAL ACTION AND REMOVAL REPORT**

2700 INDUSTRIAL PARKWAY

MARINETTE, WISCONSIN

PROJECT NO:
415-004-005

Endpoint



28. View of present-day
Excavation Area A.



29. View of present-day
Excavation Area A.



30. View of present-day
Excavation Area A.

**SITE PHOTOGRAPHS - SOIL INTERIM
REMEDIAL ACTION AND REMOVAL REPORT**

2700 INDUSTRIAL PARKWAY

MARINETTE, WISCONSIN

PROJECT NO:
415-004-005

Endpoint



31. View of present-day
Excavation Area A.



32. View of present-day
Excavation Area B.



33. View of present-day
Excavation Area B.

| | |
|---|-----------------|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY | |
| MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 | Endpoint |



34. View of present-day
Excavation Area B.



35. View of present-day
Excavation Area C.



36. View of present-day
Excavation Area C.

| | |
|---|-----------------|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY | |
| MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 | Endpoint |



37. View of present-day
Excavation Area C.



38. View of present-day
Excavation Area C.



39. View of present-day
Excavation Area C.

| | |
|---|------------------------|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY | |
| MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 | <i>Endpoint</i> |



40. View of present-day
Excavation Area D.



41. View of present-day Excavation
Area D.



42. View of present-day Excavation
Area D.

**SITE PHOTOGRAPHS - SOIL INTERIM
REMEDIAL ACTION AND REMOVAL REPORT**

2700 INDUSTRIAL PARKWAY

MARINETTE, WISCONSIN

PROJECT NO:
415-004-005

Endpoint



43. View of present-day
Excavation Area E.



44. View of present-day
Excavation Area E.



45. View of present-day
Excavation Area E.

| | |
|---|-----------------|
| SITE PHOTOGRAPHS - SOIL INTERIM REMEDIAL ACTION AND REMOVAL REPORT | |
| 2700 INDUSTRIAL PARKWAY | |
| MARINETTE, WISCONSIN | |
| PROJECT NO: 415-004-005 | Endpoint |

APPENDIX C

DISPOSAL DOCUMENTATION

Appendix C. Summary of PFAS Impacted Soil Removal (FTC Facility)

| Year | WM Arlington Landfill | Profile # | # of Containers | Tonnage |
|----------------------|------------------------------|------------------|------------------------|----------------|
| 2023 | Columbia Ridge - Sub D | 135549OR | 256 | 4,758 |
| 2021 and 2022 | Columbia Ridge - Sub D | 135549OR | 487 | 9,389 |
| | | Total | 743 | 14,147 |

Appendix C: 2023 Disposal Records

Name: Columbia Ridge Landfill & Recycling Center - S04247 (USA)

Profile: 135549OR

| Ticket Date | Ticket ID | Cust Code | MAS Unique ID | Customer | Generator | Manifest | Profile | Truck | Material | Origin | Tons |
|-------------|-----------|-----------|---------------|-------------------------|-----------------------|----------|----------|--------|-----------------------|--------------|-------|
| 4/25/2023 | 807013 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300083 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.92 |
| 4/25/2023 | 807016 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300134 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 14.11 |
| 4/25/2023 | 807020 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300145 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 13.47 |
| 4/25/2023 | 807021 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300026 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.29 |
| 4/25/2023 | 807024 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300195 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.61 |
| 4/25/2023 | 807025 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300232 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 15.85 |
| 4/25/2023 | 807026 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300265 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.13 |
| 4/25/2023 | 807027 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300256 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.32 |
| 4/25/2023 | 807028 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300217 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.27 |
| 4/25/2023 | 807029 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | | 135549OR | 300109 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.45 |
| 5/5/2023 | 808143 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 529 | 135549OR | 6061 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 22.54 |
| 5/5/2023 | 808144 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 528 | 135549OR | 6219 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.2 |
| 5/5/2023 | 808149 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 524 | 135549OR | 6320 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.96 |
| 5/5/2023 | 808153 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 520 | 135549OR | 8872 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.12 |
| 5/5/2023 | 808154 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 521 | 135549OR | 8887 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 22.12 |
| 5/5/2023 | 808156 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 522 | 135549OR | 8894 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.22 |
| 5/5/2023 | 808157 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 523 | 135549OR | 420634 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.04 |
| 5/10/2023 | 808696 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 527 | 135549OR | 6050 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 24.65 |
| 5/10/2023 | 808697 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 525 | 135549OR | 420345 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.91 |
| 5/10/2023 | 808699 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 550 | 135549OR | 300180 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.9 |
| 5/10/2023 | 808701 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 566 | 135549OR | 300146 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.44 |
| 5/10/2023 | 808702 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 564 | 135549OR | 620247 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.28 |
| 5/10/2023 | 808703 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 562 | 135549OR | 300020 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.72 |
| 5/10/2023 | 808704 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 611 | 135549OR | 200041 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 15.22 |
| 5/10/2023 | 808705 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 593 | 135549OR | 620248 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.41 |
| 5/10/2023 | 808706 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 615 | 135549OR | 6049 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.6 |
| 5/10/2023 | 808707 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 565 | 135549OR | 300127 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.02 |
| 5/10/2023 | 808708 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 608 | 135549OR | 200160 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.3 |
| 5/10/2023 | 808709 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 563 | 135549OR | 300071 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.17 |
| 5/10/2023 | 808710 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 561 | 135549OR | 300250 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.4 |
| 5/10/2023 | 808711 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 626 | 135549OR | 420239 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 22.19 |
| 5/10/2023 | 808712 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 592 | 135549OR | 300222 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.18 |
| 5/10/2023 | 808713 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 594 | 135549OR | 620380 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 25.29 |
| 5/10/2023 | 808714 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 609 | 135549OR | 6240 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.92 |
| 5/10/2023 | 808716 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 610 | 135549OR | 6181 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.59 |
| 5/10/2023 | 808724 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 612 | 135549OR | 6126 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.45 |
| 5/11/2023 | 809018 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 548 | 135549OR | 620315 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.43 |
| 5/11/2023 | 809019 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 546 | 135549OR | 620326 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.43 |
| 5/11/2023 | 809020 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 545 | 135549OR | 620391 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.61 |
| 5/11/2023 | 809021 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 539 | 135549OR | 6122 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.78 |
| 5/11/2023 | 809022 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 538 | 135549OR | 620386 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.55 |
| 5/11/2023 | 809023 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 547 | 135549OR | 620356 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.71 |
| 5/11/2023 | 809025 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 536 | 135549OR | 6377 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.08 |
| 5/11/2023 | 809027 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 537 | 135549OR | 6082 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.69 |
| 5/12/2023 | 809159 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 625 | 135549OR | 420244 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 22.46 |
| 5/12/2023 | 809160 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 623 | 135549OR | 6124 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 22.95 |
| 5/12/2023 | 809161 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 628 | 135549OR | 420464 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.66 |
| 5/12/2023 | 809162 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 620 | 135549OR | 6383 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 24.12 |
| 5/12/2023 | 809164 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 606 | 135549OR | 6073 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 23.26 |
| 5/12/2023 | 809165 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 605 | 135549OR | 300028 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.59 |
| 5/12/2023 | 809166 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 624 | 135549OR | 200214 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.88 |
| 5/12/2023 | 809167 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 604 | 135549OR | 6093 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 24.87 |
| 5/12/2023 | 809171 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 535 | 135549OR | 6164 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.35 |
| 5/12/2023 | 809172 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 534 | 135549OR | 6121 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.99 |
| 5/12/2023 | 809173 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 526 | 135549OR | 6391 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 23.7 |
| 5/12/2023 | 809174 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 531 | 135549OR | 6145 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 22.23 |
| 5/12/2023 | 809175 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 530 | 135549OR | 6226 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.74 |
| 5/12/2023 | 809176 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 532 | 135549OR | 6081 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.24 |
| 5/12/2023 | 809177 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 533 | 135549OR | 6070 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.09 |
| 5/12/2023 | 809178 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 540 | 135549OR | 6255 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.38 |
| 5/12/2023 | 809179 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 542 | 135549OR | 6136 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 23.53 |

Appendix C: 2023 Disposal Records

Name: Columbia Ridge Landfill & Recycling Center - S04247 (USA)

Profile: 135549OR

| Ticket Date | Ticket ID | Cust Code | MAS Unique ID | Customer | Generator | Manifest | Profile | Truck | Material | Origin | Tons |
|-------------|-----------|-----------|---------------|-------------------------|-----------------------|----------|----------|--------|-----------------------|--------------|-------|
| 5/12/2023 | 809180 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 544 | 135549OR | 6095 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.06 |
| 5/12/2023 | 809182 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 543 | 135549OR | 6289 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.88 |
| 5/16/2023 | 809347 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 554 | 135549OR | 300200 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.7 |
| 5/16/2023 | 809350 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 555 | 135549OR | 300212 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.56 |
| 5/16/2023 | 809352 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 551 | 135549OR | 620378 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.44 |
| 5/16/2023 | 809354 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 557 | 135549OR | 300114 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.39 |
| 5/16/2023 | 809355 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 556 | 135549OR | 300027 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.02 |
| 5/16/2023 | 809356 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 553 | 135549OR | 300123 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.29 |
| 5/16/2023 | 809358 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 621 | 135549OR | 6243 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.03 |
| 5/16/2023 | 809359 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 541 | 135549OR | 6087 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.25 |
| 5/16/2023 | 809360 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 607 | 135549OR | 6331 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.74 |
| 5/17/2023 | 809524 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 603 | 135549OR | 300029 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.55 |
| 5/17/2023 | 809535 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 598 | 135549OR | 8884 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.74 |
| 5/17/2023 | 809537 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 599 | 135549OR | 300060 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.51 |
| 5/17/2023 | 809542 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 601 | 135549OR | 8865 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.64 |
| 5/17/2023 | 809547 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 600 | 135549OR | 8875 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.54 |
| 5/17/2023 | 809550 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 560 | 135549OR | 620349 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.72 |
| 5/17/2023 | 809553 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 552 | 135549OR | 300051 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.13 |
| 5/17/2023 | 809556 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 559 | 135549OR | 300173 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.57 |
| 5/17/2023 | 809558 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 558 | 135549OR | 300013 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.71 |
| 5/17/2023 | 809804 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 602 | 135549OR | 300034 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.77 |
| 5/17/2023 | 809806 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 595 | 135549OR | 300236 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.67 |
| 5/17/2023 | 809808 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 590 | 135549OR | 620041 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 16.69 |
| 5/17/2023 | 809810 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 596 | 135549OR | 48283 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.34 |
| 5/17/2023 | 809812 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 571 | 135549OR | 620026 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.94 |
| 5/17/2023 | 809814 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 570 | 135549OR | 300228 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.31 |
| 5/17/2023 | 809815 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 568 | 135549OR | 300031 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.8 |
| 5/17/2023 | 809816 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 567 | 135549OR | 620030 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.06 |
| 5/17/2023 | 809817 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 569 | 135549OR | 620281 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.44 |
| 5/17/2023 | 809818 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 572 | 135549OR | 300168 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 16.56 |
| 5/18/2023 | 810114 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 577 | 135549OR | 620034 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.65 |
| 5/18/2023 | 810115 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 574 | 135549OR | 300166 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 16.35 |
| 5/18/2023 | 810116 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 575 | 135549OR | 300100 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 16.85 |
| 5/18/2023 | 810117 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 581 | 135549OR | 300135 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.46 |
| 5/18/2023 | 810120 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 580 | 135549OR | 620064 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.53 |
| 5/18/2023 | 810121 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 582 | 135549OR | 620284 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.46 |
| 5/18/2023 | 810122 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 583 | 135549OR | 620404 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.36 |
| 5/18/2023 | 810123 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 579 | 135549OR | 620297 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.16 |
| 5/18/2023 | 810124 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 584 | 135549OR | 620004 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.73 |
| 5/18/2023 | 810125 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 588 | 135549OR | 620015 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.57 |
| 5/22/2023 | 810482 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 549 | 135549OR | 620310 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.8 |
| 5/22/2023 | 810484 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 591 | 135549OR | 620025 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.22 |
| 5/22/2023 | 810487 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 585 | 135549OR | 620283 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.45 |
| 5/22/2023 | 810492 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 576 | 135549OR | 300253 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.05 |
| 5/22/2023 | 810497 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 573 | 135549OR | 300004 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.05 |
| 5/22/2023 | 810505 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 627 | 135549OR | 420430 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.41 |
| 5/22/2023 | 810515 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 589 | 135549OR | 620061 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.5 |
| 5/22/2023 | 810517 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 586 | 135549OR | 620250 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.88 |
| 5/22/2023 | 810518 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 613 | 135549OR | 6419 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.09 |
| 5/22/2023 | 810519 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 618 | 135549OR | 200139 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.32 |
| 5/22/2023 | 810520 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 614 | 135549OR | 200165 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.13 |
| 5/23/2023 | 810766 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 512 | 135549OR | 300136 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.78 |
| 5/23/2023 | 810778 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 510 | 135549OR | 300154 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.7 |
| 5/23/2023 | 810783 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 514 | 135549OR | 300161 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 16.52 |
| 5/23/2023 | 810787 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 511 | 135549OR | 300167 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.97 |
| 5/23/2023 | 810788 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 515 | 135549OR | 300010 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.19 |
| 5/23/2023 | 810789 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 513 | 135549OR | 300033 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.78 |
| 5/23/2023 | 810790 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 517 | 135549OR | 8878 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 22.18 |
| 5/23/2023 | 810791 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 519 | 135549OR | 8885 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.51 |
| 5/23/2023 | 810792 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 516 | 135549OR | 8888 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.95 |
| 5/23/2023 | 810794 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 518 | 135549OR | 8905 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.01 |

Appendix C: 2023 Disposal Records

Name: Columbia Ridge Landfill & Recycling Center - S04247 (USA)

Profile: 135549OR

| Ticket Date | Ticket ID | Cust Code | MAS Unique ID | Customer | Generator | Manifest | Profile | Truck | Material | Origin | Tons |
|-------------|-----------|-----------|---------------|-------------------------|-----------------------|----------|----------|--------|-----------------------|--------------|-------|
| 5/30/2023 | 811915 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 578 | 135549OR | 620361 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.36 |
| 5/30/2023 | 811916 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 587 | 135549OR | 620367 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.64 |
| 6/1/2023 | 812437 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 619 | 135549OR | 6420 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 23.1 |
| 6/2/2023 | 812789 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 616 | 135549OR | 6002 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.09 |
| 6/2/2023 | 812793 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 617 | 135549OR | 6232 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 22.55 |
| 7/1/2023 | 816914 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 30 | 135549OR | 6093 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.45 |
| 7/1/2023 | 816916 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 28 | 135549OR | 6383 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.91 |
| 7/1/2023 | 816918 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 26 | 135549OR | 6070 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.63 |
| 7/1/2023 | 816919 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 27 | 135549OR | 6226 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.94 |
| 7/1/2023 | 816921 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 29 | 135549OR | 6377 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.95 |
| 7/1/2023 | 816923 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 24 | 135549OR | 300028 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.62 |
| 7/1/2023 | 816924 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 23 | 135549OR | 420592 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.57 |
| 7/1/2023 | 816926 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 21 | 135549OR | 620137 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 15.04 |
| 7/1/2023 | 816927 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 22 | 135549OR | 300127 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 16.59 |
| 7/3/2023 | 817055 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 11 | 135549OR | 6169 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.02 |
| 7/3/2023 | 817057 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 25 | 135549OR | 6082 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.37 |
| 7/3/2023 | 817060 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 14 | 135549OR | 6293 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.92 |
| 7/3/2023 | 817064 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 31 | 135549OR | 620252 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 15.6 |
| 7/3/2023 | 817067 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 12 | 135549OR | 6091 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.81 |
| 7/11/2023 | 818060 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 4 | 135549OR | 300243 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 21.09 |
| 7/11/2023 | 818066 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 3 | 135549OR | 6088 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.25 |
| 7/11/2023 | 818071 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 1 | 135549OR | 6386 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.94 |
| 7/11/2023 | 818075 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 15 | 135549OR | 6410 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.76 |
| 7/11/2023 | 818380 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 32 | 135549OR | 6167 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 14.98 |
| 7/8/2023 | 818386 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 5 | 135549OR | 6069 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.11 |
| 7/7/2023 | 818395 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 19 | 135549OR | 620145 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 15.76 |
| 7/7/2023 | 818406 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 20 | 135549OR | 620120 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 14.75 |
| 7/11/2023 | 818410 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 30 | 135549OR | 420224 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.08 |
| 7/11/2023 | 818414 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 28 | 135549OR | 6346 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.27 |
| 7/11/2023 | 818418 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 30 | 135549OR | 6255 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 14.75 |
| 7/11/2023 | 818421 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 13 | 135549OR | 6214 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.01 |
| 7/11/2023 | 818426 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 26 | 135549OR | 6296 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 15.99 |
| 7/11/2023 | 818428 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 25 | 135549OR | 420702 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.31 |
| 7/11/2023 | 818430 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 34 | 135549OR | 6319 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 15.2 |
| 7/11/2023 | 818433 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 15 | 135549OR | 420127 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19 |
| 7/11/2023 | 818469 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 18 | 135549OR | 6289 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.15 |
| 7/11/2023 | 818471 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 22 | 135549OR | 420526 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.96 |
| 7/11/2023 | 818472 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 20 | 135549OR | 6391 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.01 |
| 7/11/2023 | 818473 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 16 | 135549OR | 420516 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.82 |
| 7/11/2023 | 818474 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 19 | 135549OR | 420274 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.36 |
| 7/11/2023 | 818475 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 21 | 135549OR | 6061 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.74 |
| 7/11/2023 | 818477 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 17 | 135549OR | 420719 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.15 |
| 7/11/2023 | 818480 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 14 | 135549OR | 420198 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.4 |
| 7/11/2023 | 818483 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 13 | 135549OR | 420464 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.13 |
| 7/11/2023 | 818486 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 31 | 135549OR | 420297 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 15.59 |
| 7/11/2023 | 818491 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 29 | 135549OR | 420484 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 16.63 |
| 7/11/2023 | 818495 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 33 | 135549OR | 6176 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 16.31 |
| 7/11/2023 | 818501 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 27 | 135549OR | 6301 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 17.37 |
| 7/17/2023 | 819005 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 3 | 135549OR | 300241 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.49 |
| 7/17/2023 | 819013 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 1 | 135549OR | 620385 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 14.33 |
| 7/17/2023 | 819019 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 2 | 135549OR | 620350 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 16.5 |
| 7/17/2023 | 819029 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 4 | 135549OR | 620365 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.63 |
| 7/18/2023 | 819342 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 16 | 135549OR | 6267 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.45 |
| 7/19/2023 | 819500 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 12 | 135549OR | 420040 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.09 |
| 7/19/2023 | 819501 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 5 | 135549OR | 620046 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.15 |
| 7/19/2023 | 819502 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 7 | 135549OR | 620283 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 19.27 |
| 7/19/2023 | 819504 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 9 | 135549OR | 420650 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.69 |
| 7/19/2023 | 819505 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 10 | 135549OR | 6121 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.25 |
| 7/19/2023 | 819506 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 3 | 135549OR | 620226 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.76 |
| 7/19/2023 | 819507 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 6 | 135549OR | 620078 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 18.45 |
| 7/19/2023 | 819508 | 0002840 | 248940633007 | TYCO FIRE PRODUCTS, L.P | OR-TYCO FIRE PRODUCTS | 11 | 135549OR | 6095 | Cont Soil Sp. W.-Tons | WI-MARINETTE | 20.45 |

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