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June 17, 2020

U.S. Environmental Protection Agency Region III
Ms. Jessica Duffy
On-Scene Coordinator
1650 Arch Street
Philadelphia, Pennsylvania 19103

Subject: Final Removal Summary Report

Project: Shaffer Equipment Company Site
EPA Contract No.: EP-S3-15-02
TDD No.: W501-19-11-001

Document Control No.: W0298.1A.03020

Dear Ms. Duffy:

Weston Solutions, Inc. (WESTON®) is submitting this Removal Summary Report for the Shaffer Equipment Company Site (the Site). This report summarizes removal action activities conducted from October 21, 2019 through February 21, 2020.

WESTON's activities, under the United States Environmental Protection Agency (EPA) Superfund Technical Assessment and Response Team (START) Contract, included documentation of removal activities conducted by the EPA Emergency and Rapid Response Services (ERRS) contractors; perimeter air monitoring for particulates during earth moving activities; and the collection of surface soil samples, pre- and post-excavation soil samples, and surface water samples.

The report includes a summary of the completed removal activities conducted by the ERRS contractor, Environmental Restoration, LLC, as well as the results of WESTON's soil and surface water sampling activities.

If you have any questions regarding this report, please call me at [redacted].

Sincerely,
WESTON SOLUTIONS, INC.

[redacted]
Project Task Lead

Enclosure

cc: TDD File
Mr. [redacted] (WESTON)

REMOVAL SUMMARY REPORT

SHAFFER EQUIPMENT COMPANY SITE

MINDEN, FAYETTE COUNTY, WEST VIRGINIA

EPA CONTRACT NO.: EP-S3-15-02
TECHNICAL DIRECTION DOCUMENT NO.: W501-19-11-001
DOCUMENT CONTROL NO.: W0298.1A.03020

Prepared For:

U.S. Environmental Protection Agency Region III
Superfund and Emergency Management Division
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Prepared By:

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June 2020

REMOVAL SUMMARY REPORT
SHAFFER EQUIPMENT COMPANY SITE
MINDEN, FAYETTE COUNTY,
WEST VIRGINIA

[redacted]

WESTON – Project Task Lead
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06/17/2020
Date

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WESTON – START Program Manager
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06/17/2020
Date

USEPA – On-Scene Coordinator
Jess Duffy

6/17/2020
Date

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LIST OF ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
CFR	Code of Federal Regulations
COC	Chain of Custody
Eco	Eco First Inc
EPA	United States Environmental Protection Agency
ERRS	Environmental Restoration and Recovery Services
ERT	Environmental Response Team
ft^2	square feet
GC/ECD	gas chromatography/electron capture detector
Hurley	Hurley Construction
IATA	International Air Transport Association
ID	identification
NPL	National Priority List
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
mg/m^3	milligrams per cubic meter
OSC	On-Scene Coordinator
Pace	Pace Analytical Services LLC
PADEP	Pennsylvania Department of Environmental Protection
PCB	polychlorinated biphenyl
ppm	parts per million
RCRA	Resource Conservation and Recovery Act
Republic	Republic Green Valley Landfill
RML	Removal Management Level
SEC	Shaffer Equipment Company
SERAS	Scientific Engineering Response Analytical Services
SOP	Standard Operating Procedure
START	Superfund Technical Assessment and Response Team
TCLP	Toxicity Characteristic Leaching Procedure
TDD	Technical Direction Document
TSCA	Toxic Substances Control Act
US Ecology	US Ecology Wayne Disposal
Valicor	Valicor Environmental Services
WESTON®	Weston Solutions, Inc.
WVDNR	West Virginia Department of Natural Resources

1.0 INTRODUCTION

Under the Eastern Area Superfund Technical Assessment and Response Team (START) Contract No. EP-S3-15-02, Technical Direction Document (TDD) No. W501-19-11-001, the United States Environmental Protection Agency (EPA) Region III tasked Weston Solutions, Inc. (WESTON®) to provide Removal Action support at the Shaffer Equipment Company (SEC) Site located in Minden, Fayette County, West Virginia. As part of the EPA Removal Action, START assisted the EPA On-Scene Coordinator (OSC) in observing and recording, through photographic documentation and in a site logbook, the site conditions and removal activities related to the repair of minor erosion occurring at the east sheet pile wall and along the south swale, and the excavation and disposal of polychlorinated biphenyl (PCB)-contaminated soils at the Site. Additionally, START performed the following activities:

- Conducted an extent of contamination assessment of the soil in areas surrounding the hot spot previously identified.
- Collected post-excavation soil samples on the floor and walls of the excavation.
- Conducted perimeter air monitoring for dust particulates during excavation activities.
- Collected surface water samples of water accumulated inside the excavation area.

The purpose of the sampling was as follows: (1) to define the extent of PCB-contaminated soil surrounding the previously identified hot spot, (2) to confirm PCB concentrations were less than 1 part per million (ppm) (1 milligram per kilogram [mg/kg]) following excavation activities, and (3) to determine whether PCBs were present in the accumulated water within the excavation pit.

2.0 SITE INFORMATION AND BACKGROUND

The SEC Site is located off Old Minden Road in Minden, Fayette County, West Virginia. The approximate geographic coordinates of the center of the Site are 37.97651° north latitude and -81.1265° west longitude (see Figure 1). The former SEC property is located within the floodplain of Arbuckle Creek, which borders the property to the north. Arbuckle Creek flows in an easterly direction for approximately 1 mile through residential properties before reaching the

New River Gorge National River Park. Arbuckle Creek flows for an approximate additional 2 miles through the New River Gorge National River Park to its confluence with the New River.

Residential areas border the Site to the east/northeast and the west, and woodlands border the Site to the south. The SEC formerly operated at the Site building electrical substations for the local coal mining industry and storing outdated, damaged, or nonessential transformers and capacitors onsite. Currently, the Site is unoccupied and encompasses approximately 5 acres of land. A portion of the Site is capped with an impervious compact clay barrier/cap, and an abandoned mine shaft and dilapidated structures are on the property. The Site is unsecured, and there is evidence of recreational use such as discarded trash and all-terrain vehicle trails throughout the Site.

Historically, the Town of Minden was a coal mining town dating back to the late 1800s. The New River and Pocahontas Coal Company (a.k.a. Berwind Land Company) owned a majority of the land surrounding the town and conducted coal mining operations until the 1950s. From 1970 to 1984, SEC occupied the property, building substations that incorporated various types of transformers, capacitors, switches, and related voltage regulation and distribution devices. In September 1984, West Virginia Department of Natural Resources (WVDNR) conducted an inspection of the property and observed several hundred transformers and capacitors being stored on the Site. WVDNR collected a composite surface soil sample from the property and a grab soil/sediment sample from a site drainage ditch that flowed into Arbuckle Creek. Results of the samples indicated elevated levels of PCBs were present on the Site.

Between November 1984 and February 1985, EPA conducted a series of sampling events at the Site that identified concentrations of PCBs in the surface soil as high as 1,200 ppm. Subsequently, EPA completed a removal action from December 1984 through December 1987. During the removal action, approximately 4,735 tons of PCB-contaminated soil were removed from the Site. In March and June 1990, EPA collected additional samples and identified concentrations of PCBs as high as 40,303 ppm in the soil. EPA conducted a second removal action from November 1990 through January 1991 that involved additional excavation and removal of soils on the Site. Between October 2001 and December 2002, EPA conducted a third removal action at the Site. During the third removal action, a portion of the Site with PCB-contaminated soil was capped with an impervious compact clay barrier.

The Town of Minden experienced several large flooding events in 2016 and 2017. In response to the residents' concerns regarding the continued presence of PCBs on the Shaffer property and the potential for the PCBs to impact Arbuckle Creek and their properties due to flooding, EPA Site Assessment Program conducted several sampling events from June 2017 through June 2018. Based on the results of the sampling, the Site was placed on the National Priorities List (NPL) in May 2019. EPA's Remedial Program is currently conducting a Remedial Investigation.

Sampling conducted by EPA's Removal Program in May 2019 identified an area on the Shaffer property that contained concentrations of PCBs above the Removal Management Levels (RMLs) of 24 ppm for Aroclor 1260 and 23 ppm for Aroclor 1242 as well as minor erosion along the eastern sheet pile wall. This warranted the Removal Action summarized below.

3.0 REMOVAL ACTION ACTIVITIES

This section describes the removal activities conducted by the EPA ERRS contractor from October 21, 2019 through February 21, 2020. START was on-site during this time to observe and document the removal activities for EPA. Additional activities conducted by START included sampling and air monitoring activities that were performed during the removal work.

The following list is a summary of the activities conducted as part of the Removal Action:

- Prepared the Site for drivable access, equipment storage area, and the loading and off-site removal of soil. This action included the following:
  - ERRS cleared vegetation and debris and expanded the road going through the Site in order to gain full access throughout the property area and to be able to bring in excavation equipment.
  - ERRS installed geosynthetic fabric and stone (#R3 and #R4) to provide a drivable access way for the loading and removal of soil from the Site.
- Cleared and repaired the swale on the south side of the capped area.
- Repaired and reinforced the east section of the cap wall.
- Constructed the soil stockpile staging area.
- Performed confirmation sampling and further defined the extent of contamination of the excavation area.

- Performed perimeter air monitoring during excavation activities by staging air monitoring units upwind and downwind from the excavation area.
- Removed all soil contaminated with PCBs at concentrations equal to or greater than 1 mg/kg and transported off-site for disposal.
- Performed verification sampling to confirm that all soil contaminated with PCBs at concentrations greater than 1 mg/kg has been removed from the Site.
- Transported and disposed off-site all building material removed from the excavation area.
- Restoration of excavation and staging areas by placing backfill, topsoil, and seed.

3.1 Swale Repair

On October 25, 2019, ERRS began clearing the swale of all the large rock and obstructive vegetation. The swale runs along the south side of the cap, draining west to east, bends north on the east side of the cap, and ends in Arbuckle Creek. Once the initial approximate 150 feet of swale was cleared, the bottom of the swale was graded with a slight slope to promote surface water flow from west to east, ultimately leading into Arbuckle Creek. Once the swale was cleared and graded, the rock that was originally removed was placed back into the swale to line the bottom.

On October 27, 2019, ERRS continued to clear and regrade the swale at the bend, heading north to Arbuckle Creek. This area was cleared of all obstructive vegetation and the rock was removed and set aside. Once the swale was regraded from the bend down to Arbuckle Creek, the rock was placed back into the swale to line the bottom. R5 stone was also used to line the bottom of the swale.

3.2 Cap Wall Repair

On November 1, 2019, ERRS began removing the riprap stone material and underlying soil supporting the east section of the cap wall. This section of the cap material was removed in preparation for reinforcement. Topsoil was used to fill in the gaps between the cap and the steel wall caused by water erosion over time. A geosynthetic fabric was placed over the topsoil to prevent future erosion. Topsoil was placed on top of the geosynthetic fabric to secure the fabric. After the topsoil was evenly spread, riprap stone #R6 was placed over the soil and fabric to further

secure the fabric and underlying soil. Riprap stone #R5 was used to fill in the gaps between the riprap #R6 stones. In the area between the creek and the front of the east side of the cap wall, ERRS regraded the soil and installed fabric followed by riprap stone #R5 and #R6 as an erosion and sedimentation control measure.

Prior to conducting the cap wall repair, soil samples were collected from the wall and in front of the wall to determine PCB concentration levels, as depicted in Figure 2. Samples collected were analyzed by the on-site EPA Environmental Response Team (ERT) mobile laboratory in accordance with EPA Scientific, Engineering, Response, and Analytical Services (SERAS) contract Standard Operating Procedure (SOP) No. 1709, Field Analysis of PCBs by Gas Chromatography/Electron Capture Detector (GC/ECD) in Soil/Sediment Samples in the ERT Mobile Laboratory. Analytical results indicated the presence of PCBs ranging from non-detect to 7.09 mg/kg; no results were above the RMLs. Analytical results are summarized in Table 1 and Figure 2. Soil was left in place and the results will be assessed by the EPA Remedial Program for their Remedial Investigation.

3.3 Stockpile Staging Area

As shown on Figures 3 through 6, a soil stockpile staging area was constructed on the access road adjacent to the north side of the excavation area. The staging area was constructed by placing poly material and the geosynthetic-fabric to prevent cross contamination to the underlying soil. This area was used to stockpile excavated soil until transportation for disposal became available. The staging area was approximately 12 feet wide and 96 feet long and ran the length of the excavation area. Prior to ERRS installing the poly material and the geosynthetic-fabric to prevent cross contamination to the underlying soil, START collected surface soil samples from around the staging area, as shown on Figure 2, to determine whether PBCs were present. Analytical results, summarized in Table 2, indicated that PCBs were present up to 21.6 mg/kg on the north and south side edge of the road. However, the south side of the road was part of the excavation footprint; therefore, the contaminated soils were removed as part of this removal effort. The samples to the north and east of the staging area did not have concentrations above RMLs and, therefore, soil was left in place to be assessed during the Remedial Investigation.

3.4 Extent of Contamination

In May 2019, as part of a previous investigation to determine the extent of soil contamination, START collected 16 soil samples from 13 locations within the vicinity of the proposed excavation area, as identified in the Final Trip Report – PCB Sampling for Shaffer Equipment Company Site (WESTON, 2019a). Thirteen soil samples were collected at a depth of 0 to 6 inches below ground surface (bgs) at all locations. Additionally, subsurface soil samples were collected at three locations from 18 to 24 inches bgs. The results indicated that PCBs were present and ranged from concentrations of 45.9 mg/kg to 212 mg/kg. Based on the sample locations and laboratory results provided, the excavation area was estimated to be approximately 40 feet by 55 feet.

In October 2019, START collected additional surface soil samples from the surrounding vicinity of the proposed excavation area prior to any excavation activities to further characterize the extent of contamination. Surface soil samples were collected in accordance with WESTON SOP No. 302, Surface Soil Sampling (WESTON, 2019b). Samples collected were analyzed by the on-site EPA ERT SERAS mobile laboratory in accordance with EPA SERAS contract SOP No. 1709, Field Analysis of PCBs by GC/ECD in Soil/Sediment Samples in the ERT Mobile Laboratory. Results indicated that PCBs were present in soil surrounding the original proposed excavation area above the Toxic Substances Control Act (TSCA) high occupancy screening level of 1 mg/kg. At the discretion of the EPA OSC, the excavation area was expanded to include the surrounding areas to the east and west of the current excavation footprint. The new excavation area measured approximately 60 feet by 90 feet. Analytical results are depicted in Table 2 and Figure 2.

3.5 Air Monitoring

Perimeter air monitoring was performed on-site during excavation using direct reading instrumentation (DustTrak DRX Aerosol Monitor 8530 and Personal DataRAM pDR-1500 Portable Monitor). Air monitoring units were staged upwind and downwind from the excavation area inside the Site approximately 20 feet from the edge of the excavation area. Prior to any excavation activities, background readings were recorded to establish a base for comparison. Air monitoring data were downloaded from the air monitoring units on a daily basis to ensure that particulates were within acceptable parameters and no contaminants were leaving the Site.

Readings were within normal background ranging from 0.001 milligrams per cubic meter (mg/m^3) through 0.074 mg/m^3. Air monitoring data are summarized in Appendix B.

3.6 Excavation and Confirmation Sampling

On November 16, 2019, ERRS began excavating and removing the soil within the marked 60 feet by 90 feet excavation area. After each layer (ranging from 6 inches to 2 feet) of soil was removed, START implemented a grid pattern sampling approach following 40 Code of Federal Regulations (CFR) 761.280 – 761.298 Subpart O Verification Sampling of Self-Implementing Cleanup for a non-point source for verification soil sampling (Appendix C) to confirm that all soil contaminated with PCBs greater than 1 mg/kg had been removed (EPA GPO, 2019).

The 5-foot grid pattern outlined in Subpart O of TSCA was arranged in the excavation area. A total of 18 quadrants, labeled as quadrant Q-1 through Q-18, were generated for sampling. All the quadrants were approximately 225 square feet (ft^2) in size except quadrants Q-2, Q-6, Q-10, Q-14, Q-17, and Q-18, which were smaller in size. A point sample was collected from every grid intersection. Samples were composited for each quadrant. No more than nine point samples were composited to create a quadrant sample.

In order to have the most expedient excavation and turnaround time for results, initially all samples collected were analyzed for PCBs by the on-site EPA ERT/SERAS mobile laboratory. The ERT/SERAS mobile laboratory was present on-site from October 21, 2019 through December 11, 2019.

The composite sample collected from each quadrant was assigned a sample identification (ID) based on the quadrant ID, layer, and soil depth excavated from the excavation area. The analytical data provided by the EPA ERT/SERAS mobile laboratory helped determine whether further excavation was needed. At least 10 percent of the total samples analyzed by the EPA ERT mobile laboratory were submitted to a WESTON procured Tier IV laboratory (Eurofins Environmental Testing/Test America) for PCB confirmation analysis. However, from January 20, 2020 through February 21, 2020, the ERT/SERA mobile laboratory was not available; therefore, all samples collected during this period were shipped to a WESTON-procured Tier IV laboratory for PCB

analysis and confirmation. The process of excavation and sampling was repeated until laboratory results indicated that PCB levels were below 1 mg/kg.

Soil removal was prioritized based on the concentrations of PCBs present in each quadrant and equipment access to the quadrants in order to avoid cross contamination into quadrants with lower concentrations of PCBs. Soil removal was also influenced by the limited amount of space for soil staging and soil disposal logistics. Not all layers were excavated at the same time. All quadrants containing PCB concentrations equal to or greater than 50 mg/kg were classified as TSCA waste material. All quadrants containing PCB concentrations less than 50 mg/kg were classified as non-TSCA waste material.

3.6.1 First Soil Layer Removed

An initial 2 feet of soil was removed from all quadrants except Q-1 and Q-2, from which only 6 inches of soil was removed. START collected composite samples from each excavated quadrant using the grid sampling approach. Samples collected were analyzed for PCBs by the ERT/SERAS mobile laboratory. Analytical results for PCBs after the first layer of soil was removed indicated that PCB concentrations from quadrants Q-1, Q-2, Q-4, Q-8, Q-12, Q-15, Q16, and Q-18 ranged from 1.16 mg/kg to 14.55 mg/kg. Quadrants Q-3, Q-7, and Q-11 had PCB levels of 60.9 mg.kg, 49.5 mg/kg and 31.45 mg/kg, respectively. PCB concentrations from quadrants Q-5, Q-6, Q-9, Q-10, Q-13, Q-14, and Q-17 were all below 1 mg/kg; therefore, no further excavation took place on these quadrants. All soil removed from layer one was stockpiled on-site and later disposed of as TSCA waste. Analytical results are summarized in Tables 3 and 4 and shown in Figure 3.

3.6.2 Second Soil Layer Removed

Based on the analytical results for PCBs from all quadrants sampled after the first layer was excavated, a second layer of soil was removed from the quadrants that had concentrations of PCBs greater than 1 mg/kg. One foot of soil was removed from quadrants Q-1, Q-2, Q-3 Q-4, Q-7, Q-8, Q-11, Q-15, Q16, and Q-18, and 2 feet of soil was removed from Q-12.

After the excavation of the second layer, START collected composite samples from each excavated quadrant using the grid sampling approach. Samples collected were analyzed for PCBs

by the ERT/SERAS mobile laboratory. Analytical results indicated that PCB concentrations from quadrants Q-1, Q-3, Q-7, and Q-11 had PCB levels of 3.29 mg/kg, 12.26 mg/kg, 77.7 mg/kg, and 14.64 mg/kg, respectively. PCB concentrations from quadrants Q-2, Q-4, Q-8, Q-12, Q-15, Q-16, and Q-18 were all below 1 mg/kg, and no further excavation took place on these quadrants. Soil from quadrants Q-1, Q-3, Q-7, and Q-11 was disposed of as TSCA material, and soil from quadrants Q-2, Q-4, Q-8, Q-15, Q-16, and Q-18 was disposed of as non-TSCA material. Analytical results are summarized in Tables 3 and 4 and shown in Figure 4.

3.6.3 Third Soil Layer Removed

Based on the analytical results for PCBs from all quadrants sampled after the second layer was excavated, a third layer of soil was removed from the quadrants that had concentrations of PCBs greater than 1 mg/kg. Two and a half feet of soil was removed from quadrant Q-1, and 1 foot of soil was removed from quadrants Q-3, Q-7, and Q-11.

After the excavation of the third layer, START collected composite samples from each excavated quadrant using the grid sampling approach. Samples collected were analyzed for PCBs by a WESTON procured Tier IV laboratory (Chemtech laboratory). Analytical results, after the third layer of soil was removed, indicated that PCB concentrations at quadrant Q-7 were 8.6 mg/kg. PCB concentrations at quadrants Q-1, Q-3, and Q-11 were all below 1 mg/kg, and no further excavation was necessary on these quadrants. All soil removed from the third layer was disposed of as non-TSCA material. Analytical results are summarized in Tables 3 and 4 and shown Figure 5.

3.6.4 Fourth Soil Layer Removed

Based on the analytical results after the third layer of soil was removed, only quadrant Q-7 had PCB levels above 1 mg/kg. One foot of soil was excavated from quadrant Q-7.

After the excavation of the fourth layer, START collected a composite sample from quadrant Q-7 using the grid sampling approach. The sample collected was analyzed for PCBs by a WESTON procured Tier IV laboratory (Chemtech laboratory). Analytical results for PCB indicated that quadrant Q-7 was now below 1 mg/kg, and no further excavation was necessary on this quadrant.

All soil removed from the fourth layer was disposed of as non-TSCA material. Analytical results are summarized in Table 4 and Figure 6.

3.6.5 Perimeter Excavation Walls

Soil samples were also collected from the walls of the excavation area using the grid sampling approach. The excavation took place on a hillside where there were no exterior walls for quadrants Q1 and Q2; therefore, no wall samples were collected within these quadrants. The EPA OSC, in consultation with the R3 TSCA contact, determined that no wall sample could be collected. The remaining wall samples collected were analyzed for PCBs. Samples collected during this period were shipped to a WESTON-procured Tier IV laboratory (Chemtech Laboratory) for PCB analysis. Analytical results indicated that all PCB concentration levels from soil samples collected from the walls were below 1 mg/kg; therefore, no further excavation was necessary beyond the original boundaries of the excavation area. Analytical results are summarized in Table 5.

After the final layer of soil was removed and all analytical results confirmed, no further excavation was necessary. All samples from the 18 quadrants representing the excavation floor, and the 15 excavation wall samples, were below 1 mg/kg. Excavation activities were concluded on February 6, 2020.

3.6.6 Surface Water

Between December 12, 2019 and January 20, 2020, rainwater accumulated inside the excavation area. Due to possible PCB cross contamination from soil to water, on January 28, 2020, START collected surface water samples from the excavation area to be analyzed for PCBs. Surface water samples were collected from inside the excavation area from quadrants Q-3, Q-7, and Q-11, where water accumulated. Surface water samples, including duplicates, were collected in accordance with WESTON SOP No. 203 Surface Water Sampling (WESTON, 2019c). Analytical results were used to determine how to properly dispose of surface water.

Surface water samples were shipped to a Tier IV WESTON procured laboratory (Chemtech Environmental Laboratory) to be analyzed for PCBs. Analytical results, summarized in Table 6, indicated that PCB concentrations in the surface water samples were less than 1 milligram per liter

(mg/L). Surface water was disposed of as non-TSCA material at a disposal facility as detailed in Section 5.2 Surface Water Disposal.

4.0 SAMPLE MANAGEMENT

START documented all field activities using logbooks, photographic records, and chain of custody (COC) documentation. Documentation, record keeping, and data management activities were conducted in accordance with the WESTON Uniform Federal Policy Quality Assurance Project Plan (WESTON, 2015) and in accordance with the Sampler's Guide: Contract Laboratory Program Guidance for Field Samplers (EPA, 2014), unless otherwise specified. Each sampling location was noted in the field logbook in accordance with WESTON SOP No. 101, Logbook Documentation (WESTON, 2019d). Scribe software was used for sample documentation and data management.

Sample handling, packaging, and shipment procedures were followed in accordance with the Sampler's Guide: Contract Laboratory Program Guidance for Field Samplers (EPA, 2014) for samples shipped to Tier IV WESTON-procured laboratories. Sample labels and tags were affixed to each sample and placed in plastic ziplock bags. Bagged containers were placed in coolers with ice and packed with appropriate absorbent material. All sample documents were sealed in a plastic ziplock bag and affixed to the underside of each cooler lid. The lid was sealed with shipping tape, and custody seals were affixed to the cooler. Coolers were labeled with the origin and destination locations.

COC documents were completed using Scribe software and accompanied field samples to the laboratory in accordance with WESTON SOP No. 103, Chain-of-Custody Documentation (WESTON, 2019e). Samples were shipped to the Tier IV laboratory via Federal Express. Regulations for packaging, marking, labeling, and shipping hazardous materials and wastes are promulgated by the U.S. Department of Transportation. Air carriers that transport hazardous materials require compliance with the current International Air Transport Association (IATA) regulations, which apply to shipment and transport of hazardous materials by air carrier. WESTON will follow all applicable IATA regulations.

5.0 DISPOSAL

5.1 Soil Disposal

In order to procure a disposal facility for the disposal of excavated soil from the Site, ERRS collected composite soil samples from the stockpile and hand delivered them to a privately procured laboratory, Pace Analytical Services LLC (Pace), located in Beaver, WV. Soil samples were analyzed for Toxicity Characteristic Leaching Procedure (TCLP) metals and Resource Conservation and Recovery Act (RCRA) waste characterization for ignitability, corrosivity, toxicity, and reactivity. Analytical Results, provided in Appendix D, were provided to the disposal facility for approval and disposal of the stockpile.

In accordance with TSCA regulations outlined in 40 CFR 761.60 – Subpart D Disposal Requirements, soil stockpiled from the excavation area was transported off-site and disposed at two separate facilities. Stockpiled soils that contained PCB concentrations equal to or greater than 50 mg/kg were classified as TSCA-regulated material, which was transported and disposed at US Ecology Wayne Disposal (US Ecology), Belleview, MI. US Ecology received a total of 638.08 tons of soil with PCB concentrations equal to or greater than 50 mg/kg. Soil delivered to the US Ecology facility was transported by EnviroServe using pre-lined 20-yard roll off containers from January 22, 2020 through February 7, 2020. See Table 7 and Appendix E.

Stockpiled soils that contained PCB concentrations less than 50 mg/kg were classified as non-TSCA material, which was transported to Republic Green Valley Landfill (Republic), Ashland, KY. Republic received a total of 488.71 tons of soil for disposal with PCB concentrations less than 50 mg/kg. Additionally, the building material associated with the dilapidated building was also disposed as non-TSCA waste at the Republic facility. Soil and material delivered to the Republic facility were transported by Stone Trucking using pre-lined tri-axle trucks from February 10 through 20, 2020. The waste manifest logs are provided in Appendix E and summarized in Table 7.

5.2 Surface Water Disposal

In order to dispose of the accumulated surface water from the excavation area, ERRS procured the services of Eco First Inc (Eco), a transport company located at 3 Harvest View Drive, Lesage, WV. ERRS also procured the services of Valicor Environmental Services (Valicor) disposal facility, located at 515 8th Avenue W 100, Huntington, WV. Eco provided a vacuum truck to extract the surface water from the excavation area and transported the water to the disposal facility, Valicor. A total of 6,900 gallons of water classified as non-TSCA material was extracted from the excavation area on February 5 and 14, 2020 for disposal. The waste manifest logs are provided in Appendix E and summarized in Table 7.

6.0 RESTORATION

Once all the soil containing PCB at levels equal to or greater than 1 mg/kg was removed from the excavation area and disposed of at the proper disposal facility, ERRS began site restoration activities. A total of 470 tons of backfill soil and 120 tons of topsoil were brought on-site to replace the soil removed from the excavation area. Grass seed and hay were also procured to complete the restoration process. On February 17, 2020, ERRS began backfilling the excavation area. After all the backfill soil was laid out and graded, ERRS laid down and graded topsoil. Seed was then spread, and hay was placed on top to protect the seeds and prevent erosion. See Appendix A, Photo Log.

Backfill soil and topsoil used for restoration were obtained from Hurley Construction (Hurley), located in Mount Carbon, WV. Prior to using the backfill soil and topsoil, ERRS collected composite samples from both and delivered them to Pace Laboratories in Beaver, WV, to be analyzed for TCLP metals, pesticides, herbicides, PCBs, volatile organic compounds, and semi-volatile organic compounds. All analytical results indicated that the soil samples collected were below the reporting limit and/or the Pennsylvania Department of Environmental Protection (PADEP) Bureau of Waste Management (PADEP, 2020) and PADEP Land Recycling Statewide Health Standards Guidance and Procedures (PADEP, 2018). Analytical Data Packages are provided in Appendix E. The EPA OSC consulted with WVDEP to determine whether the use of PADEP standards would be sufficient because WVDEP does not have standards for clean fill.

After restoration work was concluded in the excavation area, ERRS began to remove the gravel road laid down for access. ERRS also removed the gravel laid down at the staging area where trailers and temporary parking spaces were located on-site. Once all the gravel had been removed, ERRS regraded the entire area and placed seed and straw for final restoration. All work on-site, including the removal of trailers and heavy equipment, was concluded on February 21, 2020.

7.0 REFERENCES

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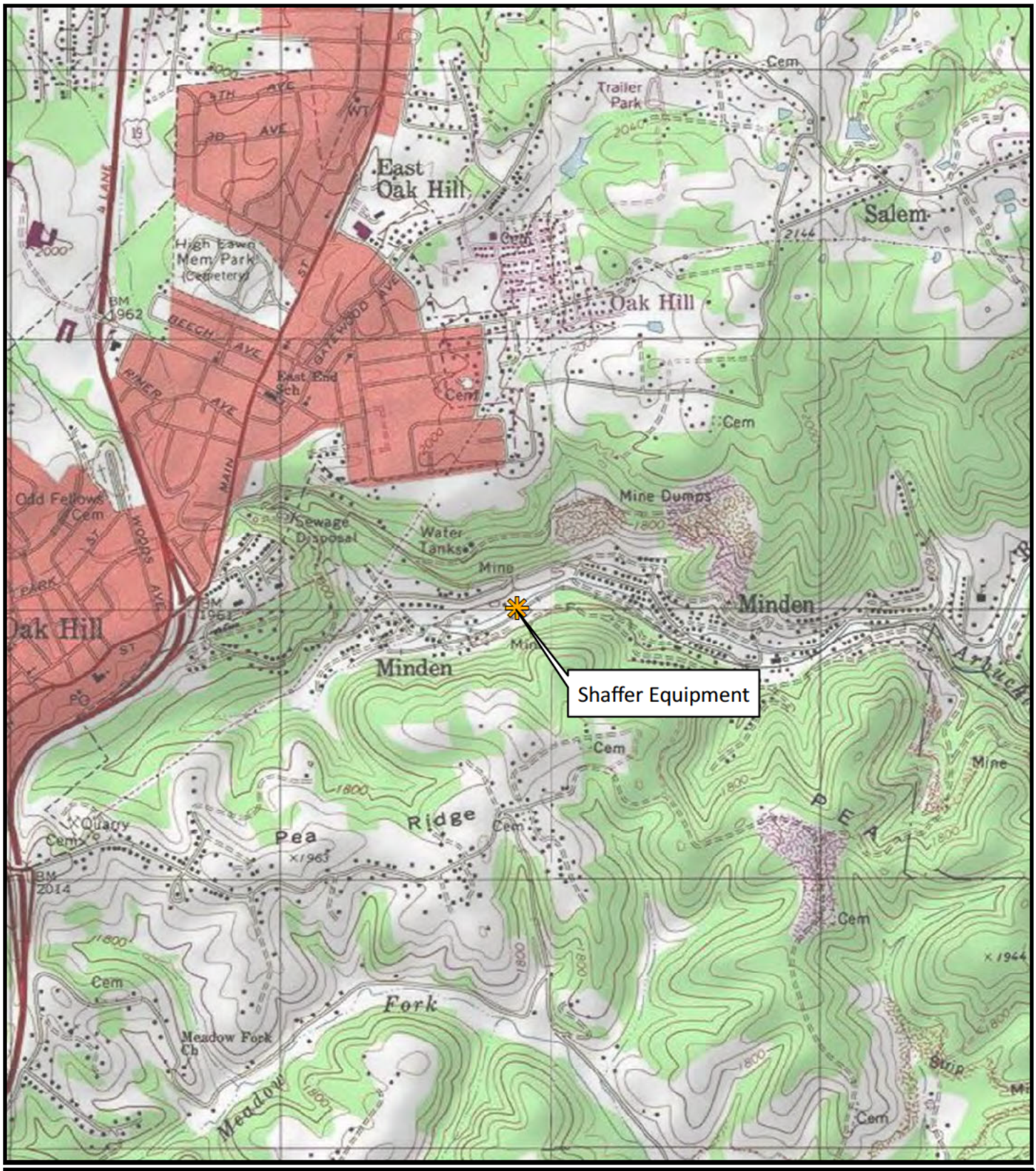
WESTON (Weston Solutions, Inc.). 2019e. Chain-of-Custody Documentation. SOP No. 103. August.

FIGURES



USGS 7.5 Minute Quadrangle
Oakhill, West Virginia, 1976. Revised 1978
Thurmond, West Virginia, 1976. Revised 1977

N

Coordinate System:
WGS84 UTM Zone 17N Feet

0 1,000 2,000
Feet

Shaffer Equipment/Arbuckle Creek Area
Minden, Fayette County, West Virginia

Figure 1
Site Location Map

TDD#: WS01-17-11-002
Contract: EP-S3-15-02
Prepared: 10/14/2019

WESTON SOLUTIONS

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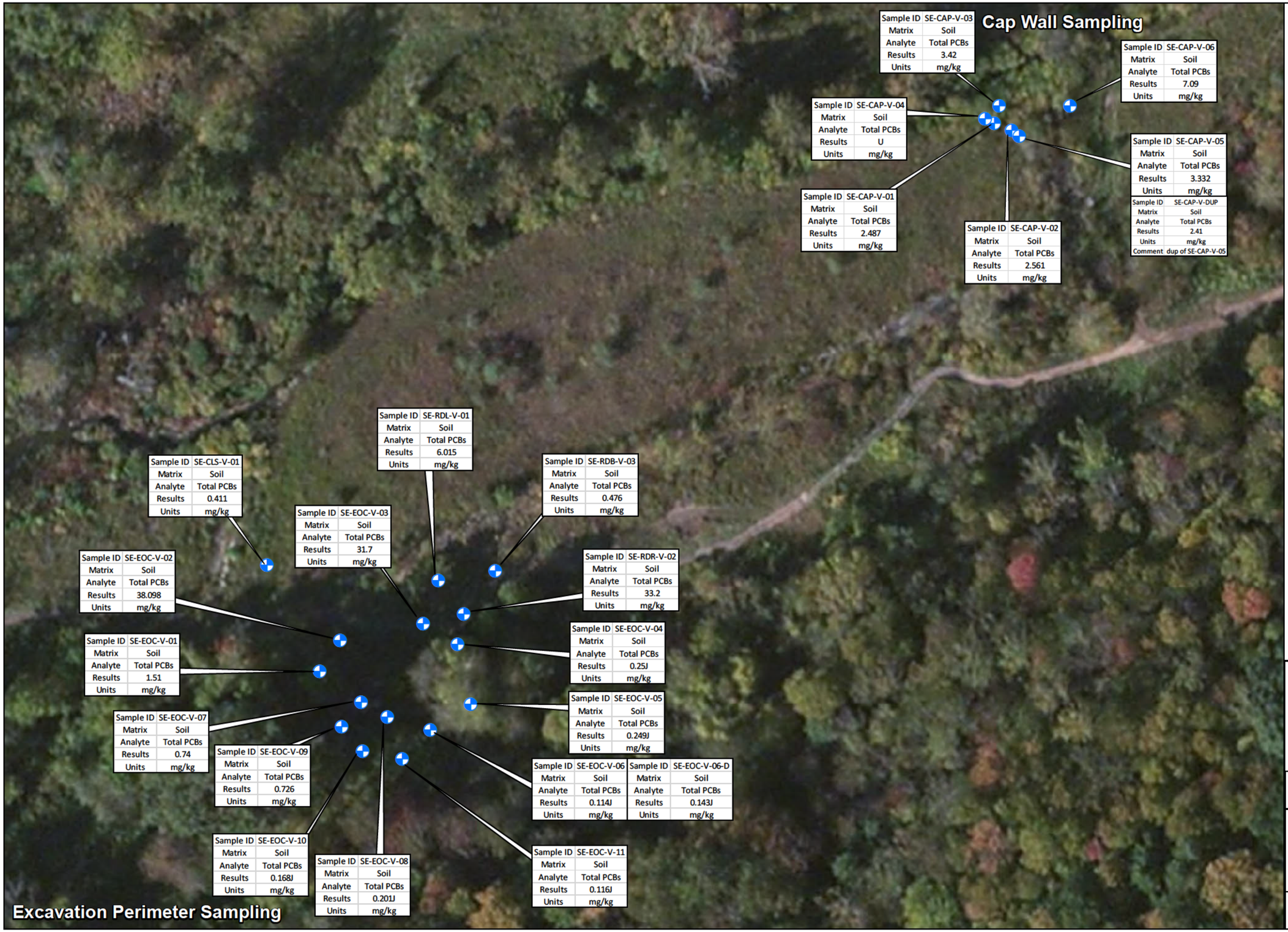

Legend

Sampling Locations

Notes:
SE - Shaffer Equipment
EOC - Edge of excavation
CAP - Cap wall
PCB - Polychlorinated Biphenyl
RDL - Road left side
RDR - Road right side
RDB - Road back side
CLS - Confirmation lab sample
J - Estimated value
U - Results below detection limit
mg/kg - Milligram per Kilogram

Background: ESRI, Mapping Service
The source of this map image is Esri, used by the EPA with Esri's permission

Coordinate System:
WGS84 UTM Zone 17N Feet

N

0 15 30 60
Feet

Shaffer Equipment/Arbuckle Creek Area
Minden, Fayette County, West Virginia

Figure 2
Shaffer Equipment
Surface Soil
Sampling Locations Map

TDD#: W501-19-11-001
Contract: EP-S3-15-02
Prepared: 5/15/2020

WESTON SOLUTIONS

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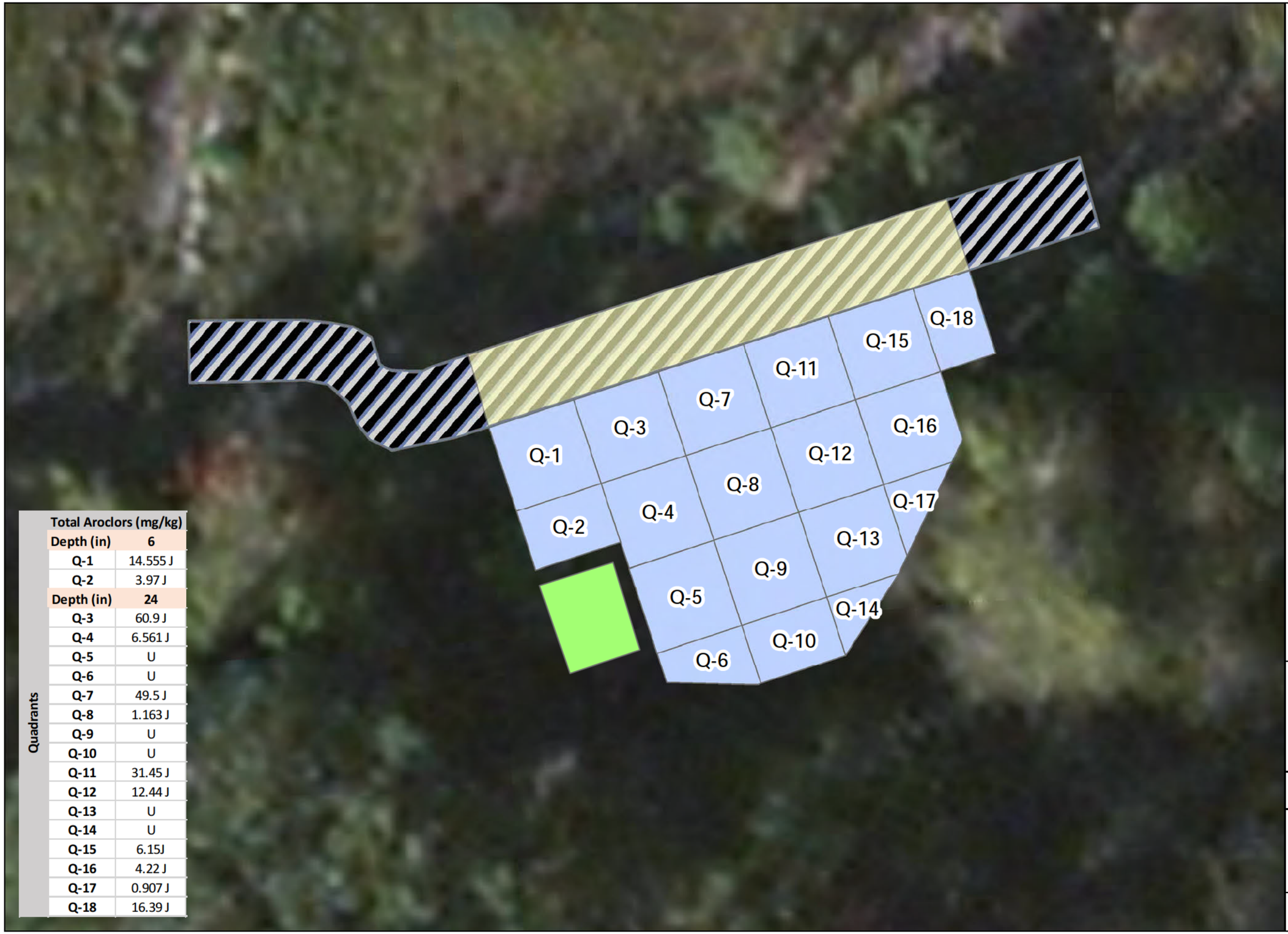

Quadrants	Total Aroclors (mg/kg)
Depth (in)	6
Q-1	14.555 J
Q-2	3.97 J
Depth (in)	24
Q-3	60.9 J
Q-4	6.561 J
Q-5	U
Q-6	U
Q-7	49.5 J
Q-8	1.163 J
Q-9	U
Q-10	U
Q-11	31.45 J
Q-12	12.44 J
Q-13	U
Q-14	U
Q-15	6.15J
Q-16	4.22 J
Q-17	0.907 J
Q-18	16.39 J

Legend

- Dilapidated Shed
- Soil Staging Area
- Gravel Road

Excavation Area - First Layer

- Excavated TSCA Soils

Notes:
TSCA - Toxic Substances Control Act
Q - Quadrant
J - Estimated value
U - Results below detection limit
in - Inches
mg/kg - Milligram per Kilogram

Background: ESRI, Mapping Service
The source of this map image is Esri, used by the EPA with Esri's permission

Coordinate System:
WGS84 UTM Zone 17N Feet

N

0 4.5 9 18
Feet

Shaffer Equipment/Arbuckle Creek Area
Minden, Fayette County, West Virginia

Figure 3
Shaffer Equipment
First Layer
Excavation Map

TDD#: W501-19-11-001
Contract: EP-S3-15-02
Prepared: 3/13/2020

WESTON SOLUTIONS

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Quadrants	Total Aroclors (mg/kg)
Depth (in)	18
Q-1	3.29 J
Q-2	0.27 J
Depth (in)	36
Q-3	12.36 J
Q-4	U
Q-7	77.7 J
Q-8	U
Q-11	14.64 J
Q-12	U
Q-15	0.021 J
Q-16	U
Q-18	U

Legend

- Dilapidated Shed
- Soil Staging Area
- Gravel Road

Excavation Area - Second Layer

- Excavated Non-TSCA Soils
- Excaved TSCA Soils
- Excavation Completed

Notes:
TSCA - Toxic Substances Control Act
Q - Quadrant
J - Estimated value
U - Results below detection limit
in - Inches
mg/kg - Milligram per Kilogram

Background: ESRI, Mapping Service
The source of this map image is Esri, used by the EPA with Esri's permission

Coordinate System:
WGS84 UTM Zone 17N Feet

N

0 4.5 9 18
Feet

Shaffer Equipment/Arbuckle Creek Area
Minden, Fayette County, West Virginia

Figure 4
Shaffer Equipment
Second Layer
Excavation Map

TDD#: W501-19-11-001
Contract: EP-S3-15-02
Prepared: 3/13/2020

WESTON SOLUTIONS

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Quadrants	Total Aroclors (mg/kg)	
	Depth (in)	48
	Q-1	0.0055 J
	Q-3	0.011 J
	Q-11	U
	Depth (in)	60
	Q-7	1.027 J

Legend

- Dilapidated Shed
- Soil Staging Area
- Gravel Road

Excavation Area - Third Layer

- Excavated Non-TSCA Soils
- Excavated TSCA Soils
- Excavation Completed

Notes:
TSCA - Toxic Substances Control Act
Q - Quadrant
J - Estimated value
U - Results below detection limit
in - Inches
mg/kg - Milligram per Kilogram

Background: ESRI, Mapping Service
The source of this map image is Esri, used by the EPA with Esri's permission

Coordinate System:
WGS84 UTM Zone 17N Feet

N

0 4.5 9 18
Feet

Shaffer Equipment/Arbuckle Creek Area
Minden, Fayette County, West Virginia

Figure 5
Third Layer Excavation Map

TDD#: W501-19-11-001
Contract: EP-S3-15-02
Prepared: 3/13/2020

WESTON SOLUTIONS

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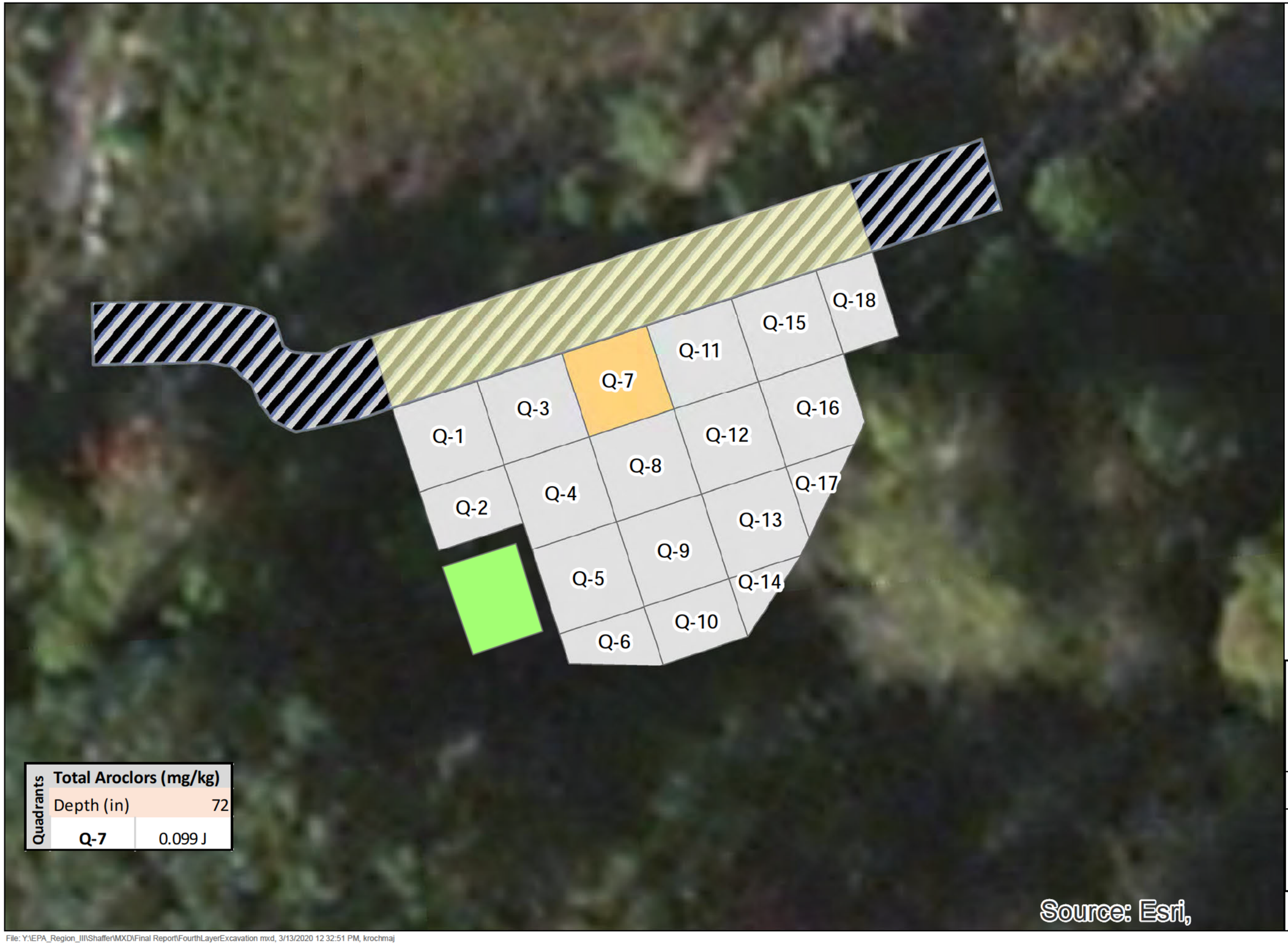

Legend

- Dilapidated Shed
- Soil Staging Area
- Gravel Road

Excavation Area - Fourth Layer

- Excavated Non-TSCA Soils
- Excavation Completed

Notes:
TSCA - Toxic Substances Control Act
Q - Quadrant
J - Estimated value
in - Inches
mg/kg - Milligram per Kilogram

Quadrants	Total Aroclors (mg/kg)	
	Depth (in)	72
	Q-7	0.099 J

Background: ESRI, Mapping Service
The source of this map image is Esri, used by the EPA with Esri's permission

Coordinate System:
WGS84 UTM Zone 17N Feet

N

0 4.5 9 18
Feet

Shaffer Equipment/Arbuckle Creek Area
Minden, Fayette County, West Virginia

Figure 6
Shaffer Equipment
Fourth Layer
Excavation Map

TDD#: W501-19-11-001
Contract: EP-S3-15-02
Prepared: 3/13/2020

WESTON SOLUTIONS

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TABLES

Table #1: Analytical Results for Total PCBs from CAP - Surface Soil Field Screening Data
EPA ERT/SERAS Mobile Laboratory
Shaffer Equipment Company
Minden, Fayette County, West Virginia
October 21, 2019 through February 21, 2020

Sample ID	Action Level	SE-CAP-V-01		SE-CAP-V-02		SE-CAP-V-03		SE-CAP-V-04		SE-CAP-V-05		SE-CAP-V-DUP		SE-CAP-V-06	
Sample Date		11/1/2019		11/1/2019		11/1/2019		11/2/2019		11/3/2019		11/10/2019		11/17/2019	
Sample Time		10:08		10:12		10:14		9:33		8:52		10:08		9:18	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.352	U	0.379	U	0.309	U	0.305	U	0.313	U	0.250	U	0.294
PCB-1221	NA	U	0.704	U	0.758	U	0.618	U	0.610	U	0.626	U	0.500	U	0.588
PCB-1232	NA	U	0.352	U	0.379	U	0.309	U	0.305	U	0.313	U	0.250	U	0.294
PCB-1242	NA	U	0.352	U	0.379	U	0.309	U	0.305	U	0.313	U	0.250	U	0.294
PCB-1248	NA	0.787	0.352	0.461	0.379	1.04	0.309	U	0.305	U	0.313	0.690	0.374	U	0.294
PCB-1254	NA	U	0.352	U	0.379	U	0.309	U	0.305	U	0.313	U	0.250	3.53	0.294
PCB-1260	NA	1.7	0.352	2.1	0.379	2.38	0.309	U	0.305	3.32	0.313	1.72	0.384	3.56	0.294
PCB-1262	NA	U	0.352	U	0.379	U	0.309	U	0.305	U	0.313	U	0.250	U	0.294
PCB-1268	NA	U	0.352	U	0.379	U	0.309	U	0.305	U	0.313	U	0.250	U	0.294
Total Aroclors	1	2.487		2.561		3.42		U		3.32		2.41		7.09	

Notes:

ERT - Environmental Response Team
SERAS - Scientific, Engineering, Response and Analytical Services
PCB - polychlorinated biphenyls
RL - reporting limit
mg/kg - milligrams per kilogram
J- estimated value
U - results below detection limit
N/A - not available
SE- Shaffer Equipment Company
CAP - Cap Wall
V - Verification

Results compared to Toxic Substances Control Act (TSCA) high occupancy screening number without further conditions level of 1 mg/kg.
https://www.epa.gov/sites/production/files/2015-08/documents/pcb-guid3-06.pdf

Bold -Results equal to or greater than 1 mg/kg but less than 50 mg/kg

Table #2: Analytical Results for Total PCBs from EOC - Surface Soil Field Screening Data
EPA ERT/SERAS Mobile Laboratory
Shaffer Equipment Company
Minden, Fayette County, West Virginia
October 21, 2019 through February 21, 2020

Sample ID	Action Level	SE-EOC-V-01		SE-EOC-V-02		SE-EOC-V-03		SE-EOC-V-04		SE-EOC-V-05		SE-EOC-V-06		SE-EOC-V-06-D		SE-EOC-V-07		SE-EOC-V-08	
Sample Date		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019		11/12/2019		11/12/2019	
Sample Time		14:15		14:28		14:39		14:48		14:54		15:02		15:02		10:31		10:37	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.397	U	0.325	U	0.329	U	0.368	U	0.385	U	0.347	U	0.347	U	0.397	U	0.397
PCB-1221	NA	U	0.794	U	0.649	U	0.658	U	0.735	U	0.769	U	0.694	U	0.694	U	0.794	U	0.794
PCB-1232	NA	U	0.397	U	0.325	U	0.329	U	0.368	U	0.385	U	0.347	U	0.347	U	0.397	U	0.397
PCB-1242	NA	U	0.397	U	0.325	U	0.329	U	0.368	U	0.385	U	0.347	U	0.347	U	0.397	U	0.397
PCB-1248	NA	U	0.397	0.388	0.325	10.1	6.490	U	0.368	U	0.385	U	0.347	U	0.347	U	0.397	U	0.397
PCB-1254	NA	U	0.397	U	0.325	U	0.329	U	0.368	U	0.385	U	0.347	U	0.347	U	0.397	U	0.397
PCB-1260	NA	1.51	0.397	37.7	6.490	21.6	6.490	0.25J	0.368	0.249J	0.385	0.114J	0.347	0.143J	0.347	0.740	0.397	0.201J	0.397
PCB-1262	NA	U	0.397	U	0.325	U	0.329	U	0.368	U	0.385	U	0.347	U	0.347	U	0.397	U	0.397
PCB-1268	NA	U	0.397	U	0.325	U	0.329	U	0.368	U	0.385	U	0.347	U	0.347	U	0.397	U	0.397
Total Aroclors	1	**1.51**		**38.088**		**31.7**		0.25J		0.249J		0.114J		0.143J		0.74		0.201J	

Sample ID	Action Level	SE-EOC-V-09		SE-EOC-V-10		SE-EOC-V-11		SE-RDL-V-01		SE-RDR-V-02		SE-RDB-V-03	
Sample Date		11/12/2019		11/12/2019		11/12/2019		11/8/2019		11/8/2019		11/8/2019	
Sample Time		10:43		10:46		10:54		9:57		10:01		10:08	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.595	U	0.510	U	0.424	U	0.313	U	0.338	U	0.298
PCB-1221	NA	U	1.190	U	1.020	U	0.847	U	0.625	U	0.676	U	0.595
PCB-1232	NA	U	0.595	U	0.510	U	0.424	U	0.313	U	0.338	U	0.298
PCB-1242	NA	U	0.595	U	0.510	U	0.424	U	0.313	U	0.338	U	0.298
PCB-1248	NA	U	0.595	U	0.510	U	0.424	0.775	0.313	16.5	6.757	U	0.298
PCB-1254	NA	U	0.595	U	0.510	U	0.424	U	0.313	U	0.338	U	0.298
PCB-1260	NA	0.726	0.595	0.168J	0.510	0.116J	0.424	5.24	0.313	16.7	6.757	0.476	0.298
PCB-1262	NA	U	0.595	U	0.510	U	0.424	U	0.313	U	0.338	U	0.298
PCB-1268	NA	U	0.595	U	0.510	U	0.424	U	0.313	U	0.338	U	0.298
Total Aroclors	1	0.726		0.168J		0.116J		**6.015**		**33.2**		0.476	

Notes:

ERT - Environmental Response Team
SERAS - Scientific, Engineering, Response and Analytical Services
PCB - polychlorinated biphenyls
RL - detection limit
mg/kg - milligrams per kilogram
J- estimated value
U - results below detection limit

SE - Shaffer Equipment Company
EOC - Edge of Excavation
V - Verification
RDL - Road Left Side
RDR - Road Right Side
RDB - Road BackSIde
N/A - not available

Results compared to Toxic Substances Control Act (TSCA) high occupancy screening number without further conditions level of 1 mg/kg.
https://www.epa.gov/sites/production/files/2015-08/documents/pcb-guid3-06.pdf

Bold-Results equal to or greater than 1 mg/kg but less than 50 mg/kg

Table #3: Analytical Results for Total PCBs
Soil Field Screening Data Collected During Excavation
EPA ERT/SERAS Mobile Laboratory
Shaffer Equipment Company
Minden, West Virginia
October 21, 2019 through February 21, 2020

Sample ID	Action Level	SE-EX-Q1L1-06		SE-EX-Q1L2-18		SE-EX-Q2L1-06		SE-EX-Q2L2-18		SE-EX-Q3L1-24		SE-EX-Q3L2-36		SE-EX-Q4L1-24		SE-EX-Q5L1-24		SE-EX-Q6L1-24		SE-EX-Q7L1-24	
Sample Date		11/18/2019		12/7/2019		11/18/2019		12/7/2019		11/20/2019		12/5/2019		11/19/2019		11/19/2019		11/19/2019		11/20/2019	
Sample Time		11:25		9:40		11:45		9:45		9:45		11:00		9:30		9:35		9:40		9:50	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.338	U	0.313	U	0.379	U	0.321	U	0.301	U	0.32051	U	0.298	U	0.294	U	0.305	U	0.309
PCB-1221	NA	U	0.676	U	0.625	U	0.758	U	0.641	U	0.602	U	0.64103	U	0.595	U	0.588	U	0.610	U	0.617
PCB-1232	NA	U	0.338	U	0.313	U	0.379	U	0.321	U	0.301	U	0.32051	U	0.298	U	0.294	U	0.305	U	0.309
PCB-1242	NA	U	0.338	U	0.313	U	0.379	0.313J	0.321	12.9	6.02	6.73	0.32051	0.711	0.298	U	0.294	U	0.305	18.9	6.17
PCB-1248	NA	0.455	0.338	U	0.313	U	0.379	U	0.321	U	0.301	U	0.32051	U	0.298	U	0.294	U	0.305	U	0.309
PCB-1254	NA	U	0.338	U	0.313	U	0.379	U	0.321	U	0.301	U	0.32051	U	0.298	U	0.294	U	0.305	U	0.309
PCB-1260	NA	14.1	0.338	3.29	0.313	3.97	0.379	0.323	0.321	48.0	30.1	5.53	0.32051	5.85	0.298	U	0.294	U	0.305	30.6	15.4
PCB-1262	NA	U	0.338	U	0.313	U	0.379	U	0.321	U	0.301	U	0.32051	U	0.298	U	0.294	U	0.305	U	0.309
PCB-1268	NA	U	0.338	U	0.313	U	0.379	U	0.321	U	0.301	U	0.32051	U	0.298	U	0.294	U	0.305	U	0.309
Total Aroclors	1	**14.555**		**3.29**		**3.97**		0.635J		**60.9**		**12.26**		**6.561**		U		U		**49.5**	

Sample ID	Action Level	SE-EX-Q7L2-36		SE-EX-Q7L3-60		SE-EX-Q8L1-24		SE-EX-Q9L1-24		SE-EX-Q10L1-24		SE-EX-Q11L1-24		SE-EX-Q11L2-36		SE-EX-Q11L2-36-D		SE-EX-Q12L1-24		SE-EX-Q13L1-24	
Sample Date		12/5/2019		12/7/2019		11/19/2019		11/19/2019		11/19/2019		11/20/2019		12/5/2019		12/5/2019		11/19/2019		11/19/2019	
Sample Time		11:05		9:50		9:45		9:50		10:00		9:55		11:10		11:10		9:55		10:00	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.333	U	0.305	U	0.309	U	0.305	U	0.305	U	0.313	U	0.321	U	0.325	U	0.313	U	0.309
PCB-1221	NA	U	0.66667	U	0.610	U	0.617	U	0.610	U	0.610	U	0.625	U	0.641	U	0.649	U	0.625	U	0.617
PCB-1232	NA	U	0.333	U	0.305	U	0.309	U	0.305	U	0.305	U	0.313	U	0.321	U	0.325	U	0.313	U	0.309
PCB-1242	NA	43.4	16.7	5.51	3.050	0.183J	0.309	U	0.305	U	0.305	5.65	3.13	10.5	8.01	0.712	0.325	2.04J	3.13	U	0.309
PCB-1248	NA	U	0.333	3.09	3.050	U	0.309	U	0.305	U	0.305	U	0.313	U	0.321	U	0.325	U	0.313	U	0.309
PCB-1254	NA	U	0.333	U	0.305	U	0.309	U	0.305	U	0.305	U	0.313	U	0.321	U	0.325	U	0.313	U	0.309
PCB-1260	NA	34.3	8.33	U	0.305	0.980	0.309	U	0.305	U	0.305	25.8	15.6	4.14	0.321	1.15	0.325	10.4	3.13	U	0.309
PCB-1262	NA	U	0.333	U	0.305	U	0.309	U	0.305	U	0.305	U	0.313	U	0.321	U	0.325	U	0.313	U	0.309
PCB-1268	NA	U	0.333	U	0.305	U	0.309	U	0.305	U	0.305	U	0.313	U	0.321	U	0.325	U	0.313	U	0.309
Total Aroclors	1	77.7		**8.6**		**1.163J**		U		U		**31.45**		**14.64**		**1.862**		**12.44J**		U	

Notes:

ERT - Environmental Response Team
SERAS - Scientific, Engineering, Response and Analytical Services
PCB - Polychlorinated biphenyls
RL - Detection limit
mg/kg - milligrams per kilogram
J- Estimated value
U - Analytical results below detection limit
N/A - Not Available
SE - Shaffer Equipment Company
EX - excavation
Q - quadrant
L - layer

Results compared to Toxic Substances Control Act (TSCA) high occupancy screening number without further conditions level of 1 mg/kg.
https://www.epa.gov/sites/production/files/2015-08/documents/pcb-guid3-06.pdf

Bold and grey - Results equal to or greater than 50 mg/kg
Bold-Results equal to or greater than 1 mg/kg but less than 50 mg/kg

Table #3: Analytical Results for Total PCBs
Soil Field Screening Data Collected During Excavation
EPA ERT/SERAS Mobile Laboratory
Shaffer Equipment Company
Minden, West Virginia
October 21, 2019 through February 21, 2020

Sample ID	Action Level	SE-EX-Q14L1-24		SE-EX-Q15L1-24		SE-EX-Q15L1-D-24		SE-EX-Q16L1-24		SE-EX-Q17L1-24		SE-EX-Q18L1-24	
Sample Date		11/19/2019		11/20/2019		11/20/2019		11/19/2019		11/19/2019		11/20/2019	
Sample Time		10:05		10:00		10:00		10:10		10:15		10:05	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.313	U	0.305	U	0.305	U	0.305	U	0.301	U	0.309
PCB-1221	NA	U	0.625	U	0.610	U	0.610	U	0.610	U	0.602	U	0.617
PCB-1232	NA	U	0.313	U	0.305	U	0.305	U	0.305	U	0.301	U	0.309
PCB-1242	NA	U	0.313	2.29	1.52	2.08	1.52	1.15J	0.305	0.155J	0.301	4.59	3.13
PCB-1248	NA	U	0.313	U	0.305	U	0.305	U	0.305	U	0.301	U	0.309
PCB-1254	NA	U	0.313	U	0.305	U	0.305	U	0.305	U	0.301	U	0.309
PCB-1260	NA	U	0.313	3.86	0.305	5.79	0.305	3.07	0.305	0.752	0.301	11.8	6.17
PCB-1262	NA	U	0.313	U	0.305	U	0.305	U	0.305	U	0.301	U	0.309
PCB-1268	NA	U	0.313	U	0.305	U	0.305	U	0.305	U	0.301	U	0.309
Total Aroclors	1	0		**6.15**		**7.87**		**4.22J**		0.907J		**16.39**	

Notes:

ERT - Environmental Response Team
SERAS - Scientific, Engineering, Response and Analytical Services
PCB - Polychlorinated biphenyls
RL - Detection limit
mg/kg - milligrams per kilogram
J- Estimated value
U - Analytical results below detection limit
N/A - Not Available
SE - Shaffer Equipment Company
EX - excavation
Q - quadrant
L - layer

Results compared to Toxic Substances Control Act (TSCA) high occupancy screening number without further conditions level of 1 mg/kg.
https://www.epa.gov/sites/production/files/2015-08/documents/pcb-guid3-06.pdf

Bold and grey - Results equal to or greater than 50 mg/kg
Bold-Results equal to or greater than 1 mg/kg but less than 50 mg/kg

Table #4: Analytical Results Summary for Total PCBs - Soil Excavation
Shaffer Equipment Company
Minden, Fayette County, West Virginia
October 21, 2019 through February 21, 2020

Sample ID	Action Level	SE-EX-Q1L1-06-CLS		SE-EX-Q1L1-06-D-CLS		SE-EX-Q01L3-48		SE-EX-Q2L2-18		SE-EX-Q3L3-48		SE-EX-Q4L2-36		SE-EX-Q7L3-60		SE-EX-Q7-L4-72		SE-EX-Q7-L4-72-D	
CLP ID		C0AL9		C0AM0		C0AQ7		C0AM4		C0AR4		C0AR1		C0AM5		C0AN4		C0AN5	
Sample Date		11/18/2019		11/18/2019		2/5/2020		12/7/2019		2/6/2020		2/6/2020		12/7/2019		2/4/2020		2/4/2020	
Sample Time		11:25		11:25		14:50		9:45		13:20		14:40		9:50		13:45		13:46	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.220	U	0.220	U	0.042	U	0.042	U	0.039	U	0.039	U	0.040	U	0.040	U	0.041
PCB-1221	NA	U	0.220	U	0.220	U	0.042	U	0.042	U	0.039	U	0.039	U	0.040	U	0.040	U	0.041
PCB-1232	NA	U	0.220	U	0.220	U	0.042	U	0.042	U	0.039	U	0.039	U	0.040	U	0.040	U	0.041
PCB-1242	NA	U	0.220	U	0.220	U	0.042	U	0.042	U	0.039	U	0.039	**1.1**	0.040	0.079	0.040	0.024J	0.041
PCB-1248	NA	U	0.220	U	0.220	U	0.042	U	0.042	U	0.039	U	0.039	U	0.040	U	0.040	U	0.041
PCB-1254	NA	U	0.220	U	0.220	U	0.042	U	0.042	U	0.039	U	0.039	U	0.040	0.020J	0.040	0.0057J	0.041
PCB-1260	NA	**12**	0.220	**14**	0.220	0.0055J	0.042	0.27J	0.042	0.011J	0.039	U	0.039	0.057	0.040	U	0.040	U	0.041
PCB-1262	NA	U	0.220	U	0.220	U	0.042	U	0.042	U	0.039	U	0.039	U	0.040	U	0.040	U	0.041
PCB-1268	NA	U	0.220	U	0.220	U	0.042	U	0.042	U	0.039	U	0.039	U	0.040	U	0.040	U	0.041
Total Aroclors	1	**12**		**14**		0.0055J		0.27J		0.011J		U		**1.157**		0.099J		0.0297J	

Sample ID	Action Level	SE-EX-Q8L2-36		SE-EX-Q11L2-36		SE-EX-Q11L3-48		SE-EX-Q12L2-36		SE-EX-Q15L2-36		SE-EX-Q16L1-24-CLS		SE-EX-Q16L2-36		SE-EX-Q16L2-36-D		SE-EX-Q18L2-36	
CLP ID		C0AR2		C0AM6		C0AP8		C0AR3		C0AP9				C0AQ0		C0AQ1		C0AQ3	
Sample Date		2/6/2020		12/5/2019		2/5/2020		2/6/2020		2/5/2020		11/19/2019		2/5/2020		2/5/2020		2/5/2020	
Sample Time		14:45		11:10		14:05		14:55		14:30		10:10		14:20		14:25		14:10	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.041	U	0.041	U	0.041	U	0.041	U	0.044	U	0.041	U	0.040	U	0.041	U	0.041
PCB-1221	NA	U	0.041	U	0.041	U	0.041	U	0.041	U	0.044	U	0.041	U	0.040	U	0.041	U	0.041
PCB-1232	NA	U	0.041	U	0.041	U	0.041	U	0.041	U	0.044	U	0.041	U	0.040	U	0.041	U	0.041
PCB-1242	NA	U	0.041	0.89	0.041	U	0.041	U	0.041	U	0.044	**2.5**	0.041	U	0.040	U	0.041	U	0.041
PCB-1248	NA	U	0.041	U	0.041	U	0.041	U	0.041	0.011J	0.044	U	0.041	U	0.040	U	0.041	U	0.041
PCB-1254	NA	U	0.041	U	0.041	U	0.041	U	0.041	U	0.044	U	0.041	U	0.040	U	0.041	U	0.041
PCB-1260	NA	U	0.041	**1.2**	0.041	U	0.041	U	0.041	0.010J	0.044	**1.8**	0.041	U	0.040	U	0.041	U	0.041
PCB-1262	NA	U	0.041	U	0.041	U	0.041	U	0.041	U	0.044	U	0.041	U	0.040	U	0.041	U	0.041
PCB-1268	NA	U	0.041	U	0.041	U	0.041	U	0.041	U	0.044	U	0.041	U	0.040	U	0.041	U	0.041
Total Aroclors	1	U		**2.09**		U		U		0.021J		4.3		U		U		U	

Notes:
PCB - Polychlorinated biphenyls
CLP - Contract laboratory program
RL - Detection limit
mg/kg - milligrams per kilogram
J- Estimated value
U - Analytical results below detection limit
SE - Shaffer Equipment Company
EX - excavation
Q - quadrant
L - layer
N/A - Not applicable
Results compared to Toxic Substances Control Act (TSCA) high occupancy screening number without further conditions level of 1 mg/kg.
https://www.epa.gov/sites/production/files/2015-08/documents/pcb-guid3-06.pdf
Bold-Results equal to or greater than 1 mg/kg but less than 50 mg/kg

Table #5: Analytical Results Summary for Total PCBs - Soil Excavation Walls
Shaffer Equipment Company
Minden, Fayette County, West Virginia
October 21, 2019 through February 21, 2020

Sample ID	Action Level	SE-EX-W-A-8-10		SE-EX-W-G-1-3-D		SE-EX-W-M-8-10		SE-EX-W-M-5-7		SE-EX-W-O-E-F		SE-EX-W-4-G-I		SE-EX-W-4-J-K		SE-EX-W-Q13		SE-EX-W-Q14	
CLP ID		C0AM9		C0AM9		C0AN0		C0AN1		C0AN2		C0AN3		C0AN4		C0AN5		C0AN6	
Sample Date		2/4/2020		2/5/2020		2/5/2020		2/5/2020		2/5/2020		2/5/2020		2/5/2020		2/5/2020		2/5/2020	
Sample Time		14:00		10:35		10:40		10:50		11:00		11:10		11:20		11:30		11:40	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.039	U	0.040	U	0.046	U	0.043	U	0.045	U	0.042	U	0.044	U	0.043	U	0.046
PCB-1221	NA	U	0.039	U	0.040	U	0.046	U	0.043	U	0.045	U	0.042	U	0.044	U	0.043	U	0.046
PCB-1232	NA	U	0.039	U	0.040	U	0.046	U	0.043	U	0.045	U	0.042	U	0.044	U	0.043	U	0.046
PCB-1242	NA	0.036 J	0.039	U	0.040	U	0.046	U	0.043	U	0.045	U	0.042	U	0.044	U	0.043	U	0.046
PCB-1248	NA	U	0.039	U	0.040	U	0.046	U	0.043	U	0.045	U	0.042	U	0.044	U	0.043	U	0.046
PCB-1254	NA	U	0.039	U	0.040	U	0.046	U	0.043	U	0.045	U	0.042	U	0.044	U	0.043	U	0.046
PCB-1260	NA	U	0.039	U	0.040	U	0.046	U	0.043	U	0.045	U	0.042	U	0.044	U	0.043	U	0.046
PCB-1262	NA	U	0.039	U	0.040	U	0.046	U	0.043	U	0.045	U	0.042	U	0.044	U	0.043	U	0.046
PCB-1268	NA	U	0.039	U	0.040	U	0.046	U	0.043	U	0.045	U	0.042	U	0.044	U	0.043	U	0.046
Total Aroclors	1	0.036J		U		U		U		U		U		U		U		U	

Sample ID	Action Level	SE-EX-W-G-1-3		SE-EX-W-Q-18		SE-EX-W-Q-16		SE-EX-W-Q-17		SE-EX-W-O-B-D		SE-EX-W-O-B-D-D	
CLP ID		C0AN8		C0AP8		C0AQ7		C0AQ8		C0AQ9		C0AR0	
Sample Date		2/5/2020		2/6/2020		2/6/2020		2/6/2020		2/6/2020		2/6/2020	
Sample Time		10:30		15:11		15:05		15:02		15:00		15:00	
Aroclors (mg/kg)		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	NA	U	0.040	U	0.039	U	0.041	U	0.042	U	0.043	U	0.043
PCB-1221	NA	U	0.040	U	0.039	U	0.041	U	0.042	U	0.043	U	0.043
PCB-1232	NA	U	0.040	U	0.039	U	0.041	U	0.042	U	0.043	U	0.043
PCB-1242	NA	U	0.040	U	0.039	U	0.041	U	0.042	U	0.043	U	0.043
PCB-1248	NA	U	0.040	U	0.039	U	0.041	U	0.042	U	0.043	U	0.043
PCB-1254	NA	U	0.040	U	0.039	U	0.041	U	0.042	U	0.043	U	0.043
PCB-1260	NA	U	0.040	0.0065 J	0.039	U	0.041	U	0.042	U	0.043	U	0.043
PCB-1262	NA	U	0.040	U	0.039	U	0.041	U	0.042	U	0.043	U	0.043
PCB-1268	NA	U	0.040	U	0.039	U	0.041	U	0.042	U	0.043	U	0.043
Total Aroclors	1	0		0.0065		U		U		U		U	

Notes:
PCB - Polychlorinated biphenyls
CLP - Contract laboratory program
RL - Detection limit
mg/kg - milligrams per kilogram
J- Estimated value
U - Analytical results below detection limit
N/A - Not available
SE - Shaffer Equipment Company
EX - excavation
W - wall
Q - quadrant
Results compared to Toxic Substances Control Act (TSCA) high occupancy screening number without further conditions level of 1 mg/kg.
https://www.epa.gov/sites/production/files/2015-08/documents/pcb-guid3-06.pdf

Table #6: Analytical Results for Total PCBs - Surface Water
Shaffer Equipment Company
Minden, Fayette County, West Virginia
October 21, 2019 through February 21, 2020

Sample ID	Action Level	SEC-012820-SW-001		SEC2-012820-SW-001	
CLP ID		C0AM7		C0AM8	
Sample Date		1/28/2020		1/29/2020	
Sample Time		13:45		13:50	
Aroclors (mg/L)		Result	RL	Result	RL
PCB-1016	NA	U	0.001	U	0.001
PCB-1221	NA	U	0.001	U	0.001
PCB-1232	NA	U	0.001	U	0.001
PCB-1242	NA	0.00051J	0.001	0.00043J	0.001
PCB-1248	NA	U	0.001	U	0.001
PCB-1254	NA	U	0.001	U	0.001
PCB-1260	NA	0.00056J	0.001	0.00036J	0.001
PCB-1262	NA	U	0.001	U	0.001
PCB-1268	NA	U	0.001	U	0.001
Total Aroclors	1	0.00079		0.00079	

Notes:
PCB - polychlorinated biphenyl
CLP - contract laboratory program
RL - reporting limit
mg/L - milligrams per liter
J- estimated value
U - results below detection limit
N/A - not available

Table #7: Waste Manifest List
Shaffer Equipment Company Site
Minden, Fayette County, West Virginia
October 21, 2020 through February 21, 2020

Date	Waste Manifest No.	Estimated Weight (K)	Transporter	Disposal Waste Facility	Waste Type	Waste Classification	Actual Weight (lbs.)	(tons)
1/22/2020	020671544 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,220	11.11
1/22/2020	020671545 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	17,740	8.87
1/22/2020	020671546 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	17,800	8.90
1/23/2020	020671547 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	21,720	10.86
1/23/2020	020671548 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,340	11.17
1/23/2020	020671549 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	21,520	10.76
1/24/2020	020671550 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,820	11.41
1/24/2020	020671551 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,060	11.03
1/24/2020	020671552 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	20,660	10.33
1/27/2020	020671553 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,780	11.39
1/27/2020	020671554 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,920	11.96
1/27/2020	020671555 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	25,360	12.68
1/27/2020	020671556 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	25,340	12.67

Table #7: Waste Manifest List
Shaffer Equipment Company Site
Minden, Fayette County, West Virginia
October 21, 2020 through February 21, 2020

Date	Waste Manifest No.	Estimated Weight (K)	Transporter	Disposal Waste Facility	Waste Type	Waste Classification	Actual Weight (lbs.)	(tons)
1/28/2020	020671560 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	24,660	12.33
1/28/2020	020671557 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	25,740	12.87
1/28/2020	020671558 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	24,700	12.35
1/28/2020	020671559 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,060	11.53
1/29/2020	020671561 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,740	11.87
1/29/2020	020671562 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	27,460	13.73
1/29/2020	020671563 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,980	11.99
1/29/2020	020671564 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	24,380	12.19
1/30/2020	020671565 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,300	11.15
1/30/2020	020671566 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,240	11.62
1/30/2020	020671567 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	25,180	12.59
1/30/2020	020671568 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,180	11.59
1/31/2020	020671569 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,580	11.79

Table #7: Waste Manifest List
Shaffer Equipment Company Site
Minden, Fayette County, West Virginia
October 21, 2020 through February 21, 2020

Date	Waste Manifest No.	Estimated Weight (K)	Transporter	Disposal Waste Facility	Waste Type	Waste Classification	Actual Weight (lbs.)	(tons)
1/31/2020	020671570 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,200	11.10
1/31/2020	020671571 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	24,060	12.03
1/31/2020	020671572 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,260	11.13
2/3/2020	020671573 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,740	11.37
2/3/2020	020671574 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,480	11.74
2/3/2020	020671575 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,580	11.29
2/3/2020	020671576 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,560	11.78
2/4/2020	020671577 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,540	11.77
2/4/2020	020671578 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	20,340	10.17
2/4/2020	020671579 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	24,180	12.09
2/4/2020	020671580 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	26,800	13.40
2/5/2020	020671581 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	27,160	13.58
2/5/2020	020671582 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	27,560	13.78
2/5/2020	020671583 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	24,040	12.02

Table #7: Waste Manifest List
Shaffer Equipment Company Site
Minden, Fayette County, West Virginia
October 21, 2020 through February 21, 2020

Date	Waste Manifest No.	Estimated Weight (K)	Transporter	Disposal Waste Facility	Waste Type	Waste Classification	Actual Weight (lbs.)	(tons)
2/5/2020	020671584 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	26,000	13.00
2/6/2020	020671585 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	27,360	13.68
2/6/2020	020671586 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	25,100	12.55
2/6/2020	020671587 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	23,160	11.58
2/6/2020	020574619 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,620	11.31
2/7/2020	020574620 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	24,860	12.43
2/7/2020	020574621 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	27,060	13.53
2/7/2020	020574622 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	28,520	14.26
2/7/2020	020574623 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	26,740	13.37
2/10/2020	020574624 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	26,240	13.12
2/10/2020	020574626 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	22,700	11.35
2/10/2020	020574625 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	27,440	13.72
2/10/2020	020574627 JJK	10,000	Enviroserve	Wayne Disposal, Inc. Site #2 Landfill	Soil	TSCA	28,380	14.19
						TOTAL	**1,272,160**	**636.08**

Table #7: Waste Manifest List
Shaffer Equipment Company Site
Minden, Fayette County, West Virginia
October 21, 2020 through February 21, 2020

Date	Waste Manifest No.	Estimated Weight (K)	Transporter	Disposal Waste Facility	Waste Type	Waste Classification	Actual Weight (lbs.)	(tons)
2/12/2020	021220-001	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	61,440	30.72
2/12/2020	021220-002	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	42,460	21.23
2/12/2020	021220-003	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	50,980	25.49
2/12/2020	021220-004	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	66,500	33.25
2/12/2020	021220-005	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	61,900	30.95
2/12/2020	021220-006	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	45,720	22.86
2/12/2020	021220-007	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	61,060	30.53
2/17/2020	021720-001	25,000	Stone Trucking	Republic Green Valley Landfill	Soil/Debris	non-TSCA	23,380	11.69
2/17/2020	021720-002	25,000	Stone Trucking	Republic Green Valley Landfill	Soil/Debris	non-TSCA	23,880	11.94
2/20/2020	022020-001	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	68,060	34.03
2/20/2020	022020-002	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	51,060	25.53
2/20/2020	022020-003	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	52,940	26.47
2/20/2020	022020-004	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	58,240	29.12
2/20/2020	022020-005	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	68,040	34.02

Table #7: Waste Manifest List
Shaffer Equipment Company Site
Minden, Fayette County, West Virginia
October 21, 2020 through February 21, 2020

Date	Waste Manifest No.	Estimated Weight (K)	Transporter	Disposal Waste Facility	Waste Type	Waste Classification	Actual Weight (lbs.)	(tons)
2/20/2020	022020-006	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	54,680	27.34
2/20/2020	022020-007	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	56,780	28.39
2/20/2020	022020-008	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	62,040	31.02
2/21/2020	022120-001	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	39,580	19.79
2/21/2020	022120-002	25,000	Stone Trucking	Republic Green Valley Landfill	Soil	non-TSCA	28,680	14.34
						TOTAL	**977,420**	**488.71**

2/5/2020	02042001	2,300 G	Eco First Inc.	Valicor Environmental Services	Aqueous	non-TSCA	2,300 G
2/14/2020	02142001	2,300 G	Eco First Inc.	Valicor Environmental Services	Aqueous	non-TSCA	2,300 G
2/14/2020	02142002	2,300 G	Eco First Inc.	Valicor Environmental Services	Aqueous	non-TSCA	2,300 G
						TOTAL	**6,900 G**

Notes:
K - 1,000 pounds
G - Gallons
lbs - pounds

APPENDIX A
PHOTO LOG

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 10/22/2019

Time: 10:27

Orientation: E

Description: View of dilapidated wood shed on-site. The debris was sampled, excavated, and disposed off-site as part of the Removal Action.

Date: 10/23/2019

Time: 11:57

Orientation: W

Description: View of the access road being cleared and expanded by ERRS crew.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 10/23/2019

Time: 11:58

Orientation: NW

Description: View of staging area for trailers, equipment, and vehicles.

Date: 10/28/2019

Time: 11:52

Orientation: SW

Description: View of the excavation area, prior to the removal.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 10/29/2019

Time:09:08

Orientation: E

Description: View of ERRS laying down geosynthetic fabric on the staging area location for trailers, equipment, and vehicles.

Date: 10/29/2019

Time: 11:11

Orientation: E

Description: View of the constructed staging area (stone laid down).

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 10/29/2019

Time: 10:13

Orientation: E

Description: View of drainage swale located between cap and access road after repair.

PHOTOGRAPHIC DOCUMENTATION LOG

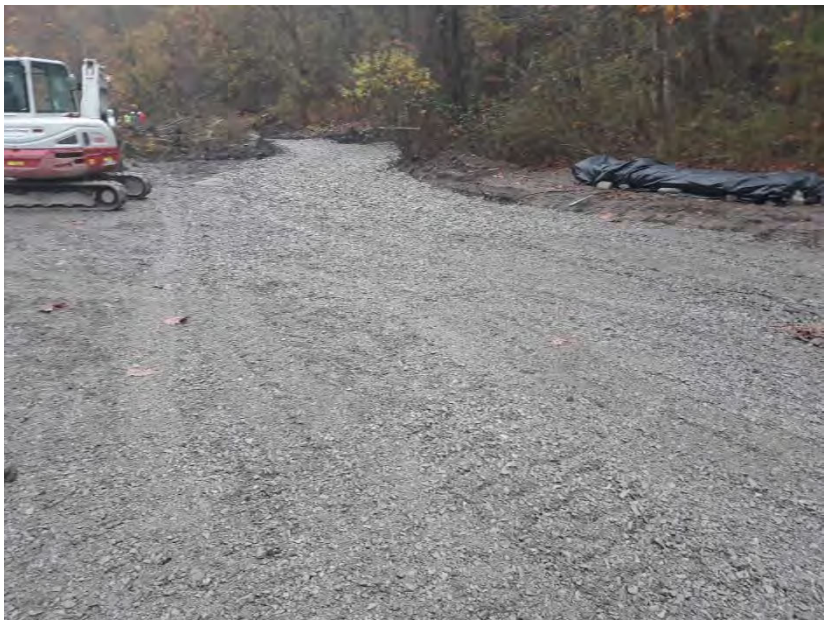
Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 10/30/2019

Time: 17:09

Orientation: E

Description: View of completed access road through the Site.



Date: 11/01/2019

Time: 13:07

Orientation: W

Description: View of the cap east wall section prior to the repair.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 11/02/2019

Time: 09:01

Orientation: NW

Description: View of ERRS crew removing existing riprap for cap restoration on east wall of cap.

Date: 11/02/2019

Time: 11:22

Orientation: NW

Description: View of the geosynthetic fabric placed over the east wall of the cap to help with erosion control.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 11/04/2019

Time: 10;30

Orientation: S

Description: View of air monitoring station (DustTrak) located west of the excavation area

Date: 11/04/2019

Time: 10:35

Orientation: S

Description: View of the DustTrak unit within its weatherproof case.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 11/07/2019

Time: 09:42

Orientation: E

Description: View of repaired east side of cap.

Date: 11/08/2019

Time: 16:06

Orientation: NE

Description: View of staging area for the wooden debris and building material.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 11/12/2019

Time: 09:27

Orientation: S

Description: View of the dilapidated shed material being moved.

Date: 11/12/2019

Time: 10:54

Orientation: E

Description: View of dilapidated shed and materials staged for disposal.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 11/14/2019

Time: 14:08

Orientation: E

Description: View of the access road being repaired on-site.

Date: 11/15/2019

Time: 15:02

Orientation: E

Description: View of the staging area for soil removed from the excavation area.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 11/16/2019

Time:

Orientation: SE

Description: View of the soil removal from the excavation area (0-2 feet bgs).

Date: 11/16/2019

Time: 11:02

Orientation: E

Description: View of soil removal from excavation area (0-2 feet bgs). All quadrants are visible.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 11/16/2019

Time: 11:02

Orientation: E

Description: View of soil stockpile from excavation area, staged for disposal.

Date: 11/18/2019

Time: 11:36

Orientation: E

Description: View of soil staging area expansion. Area located to the west of the original staging area.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 11/19/2019

Time: 16:44

Orientation: E

Description: View of the reinforcement of the staging wall installed to keep soil within staging area.

Date: 11/19/2019

Time: 10:08

Orientation: S

Description: View of post-excavation soil sampling locations. Note the grid pattern used to identify specifoc quadrants for continued excavations (the first 2 feet excavated).

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 12/05/2019

Time: 09:39

Orientation: E

Description: View of third soil staging area expasion continuing west along the access road.

Date: 12/07/2019

Time: 08:15

Orientation: E

Description: View of continued excavation. This area was identified as quadrant 7 (Q-7).

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 12/07/2019

Time: 11:17

Orientation: E

Description: View of covered soil pile after the first two layers of soil were removed. The soil pile was covered at the end of the work day everyday.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/04/2020

Time: 09:45

Orientation: NE

Description: View of excavated TSCA soil being loaded into a rolloff for disposal.

Date: 02/04/2019

Time: 11:30

Orientation: N

Description: View of excavation area where water accumulated.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/05/2020

Time: 14:17

Orientation: S

Description: View of confirmation soil sampling on excavated quadrants.

Date: 02/10/2020

Time: 08:08

Orientation: NE

Description: View of TSCA soil load out continued. Non-TSCA soil was staged in pit in Q-7 and covered to prevent additional water accumulation.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/12/2020

Time: 13:00

Orientation: NE

Description: View of non-TSCA excavated soil removal from the Site.

Date: 02/14/2020

Time: 12:01

Orientation: NE

Description: View of backfill soil delivery on-site.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/14/2020

Time:14:56

Orientation: E

Description: View of backfill soil being dispersed within excavation area.

Date: 02/14/2020

Time: 14:19

Orientation: E

Description: View of backfill soil being dispersed in excavation area (continued).

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/17/2020

Time: 16:12

Orientation: SE

Description: View of topsoil being dispersed in excavation area.

Date: 02/17/2020

Time: 16:16

Orientation: E

Description: View of excavation area being graded.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/18/2020

Time: 10:57

Orientation: S

Description: View of the removal of the temporary gravel road.

Date: 02/17/2020

Time: 17:24

Orientation: E

Description: View of the temporary road after gravel was removed.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/18/2020

Time: 10:57

Orientation: SE

Description: View of excavation area after backfill and topsoil was laid down.

Date: 02/19/2020

Time: 12:48

Orientation: SE

Description: View of excavation area after placement of grass seed and straw.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/19/2020

Time: 12:37

Orientation: W

Description: View of trailers being removed from the Site.

Date: 02/19/2020

Time: 14:49

Orientation: E

Description: View of the gravel being removed from the equipment staging area.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/20/2020

Time: 13:43

Orientation: E

Description: View of the gravel being removed for disposal.

Date: 02/21/2020

Time: 11:49

Orientation: W

Description: View of the straw placed down on the newly seeded excavation area.

PHOTOGRAPHIC DOCUMENTATION LOG

Client:	U.S. EPA Region III	**Prepared by:**	Weston Solutions Inc.
Site Name:	Shaffer Equipment Company Site	**Photographer(s):**	[redacted] (START)
Location:	Minden, WV	**TDD Number:**	W501-19-11-001
Phase:	Soil Removal Action	**Date:**	October 21,2019 through February 21, 2020

Date: 02/21/2020

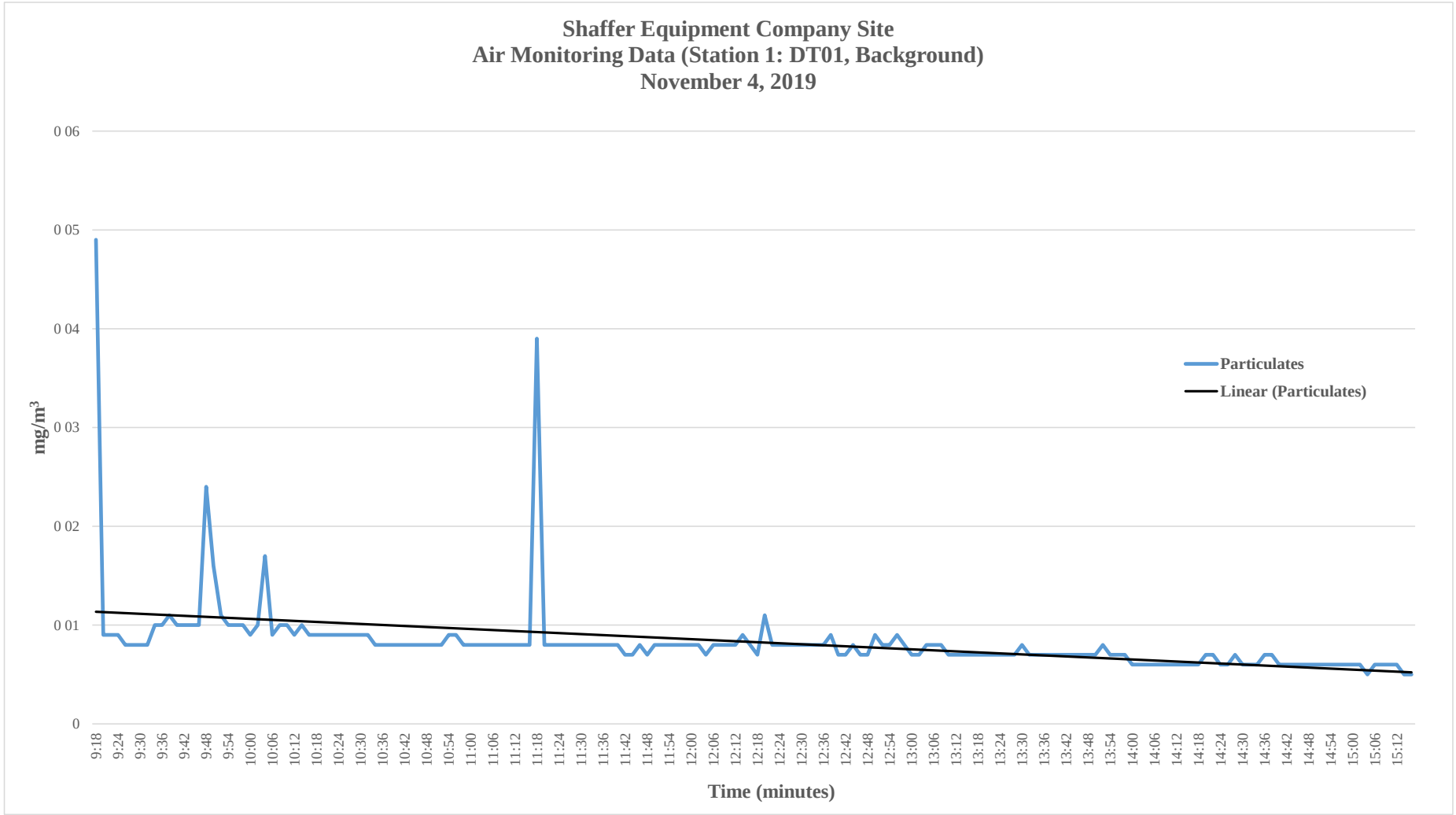
Time: 11:50

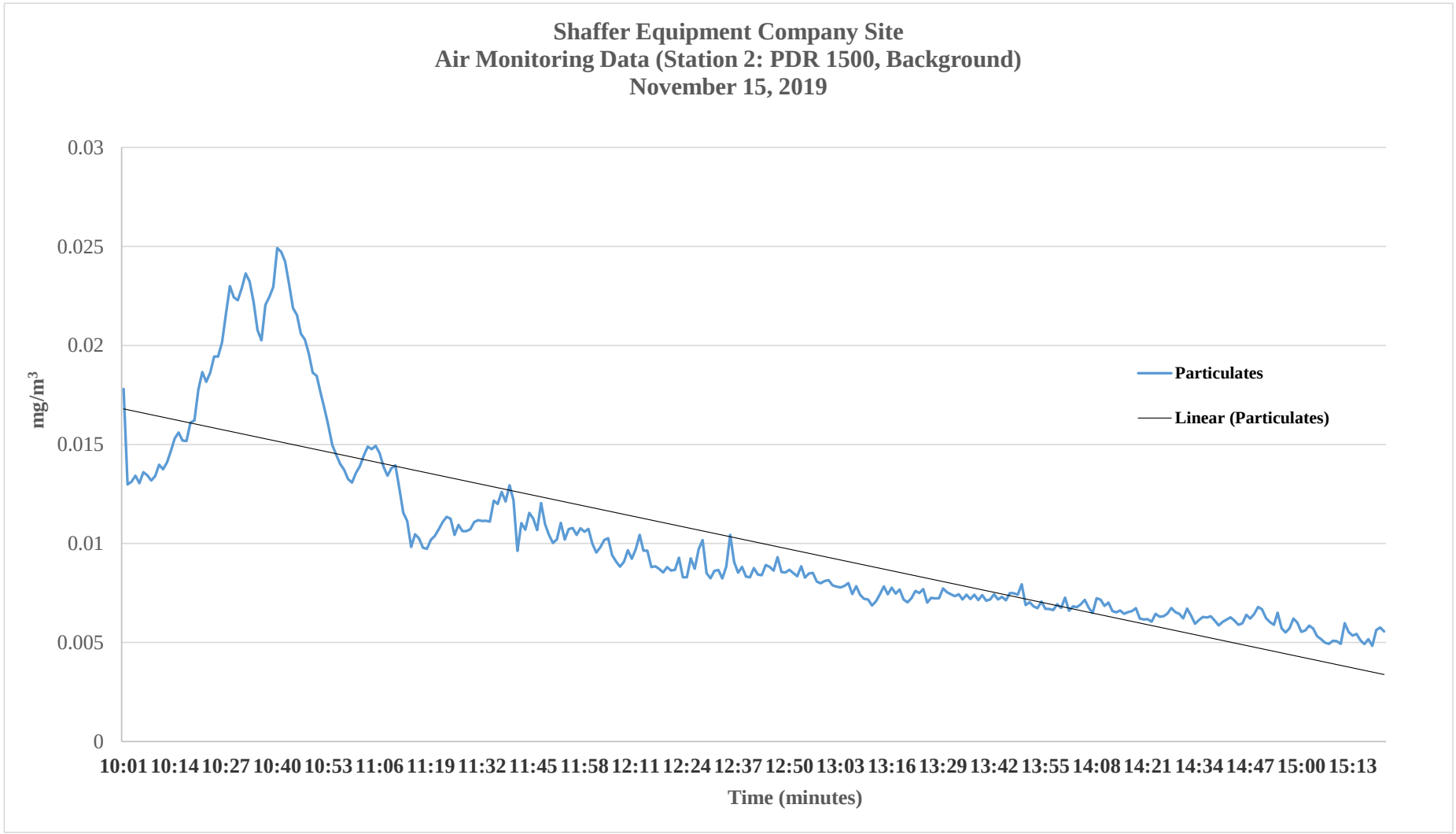
Orientation: NW

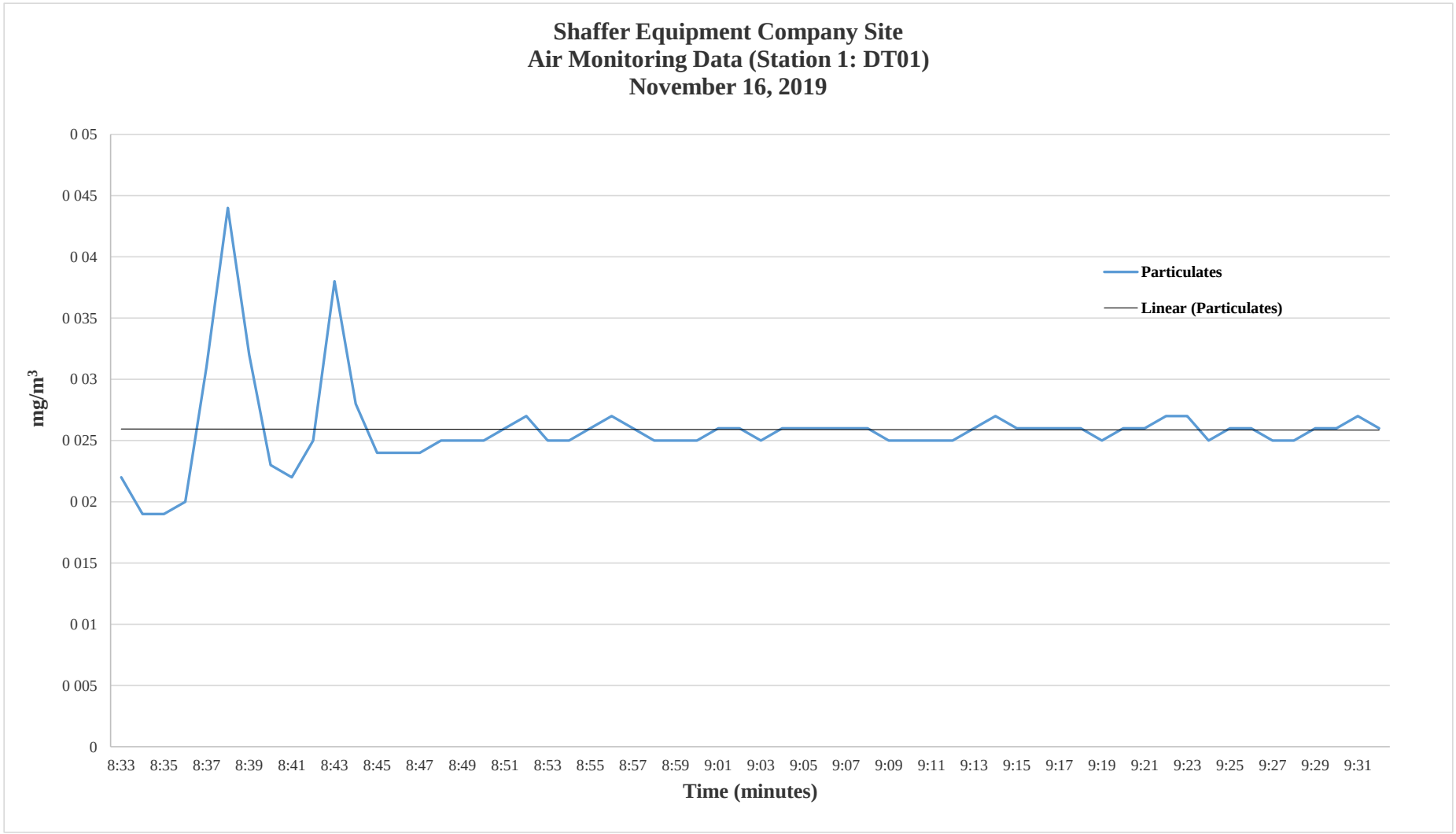
Description: View of the straw placed down on the seeded equipment staging area.

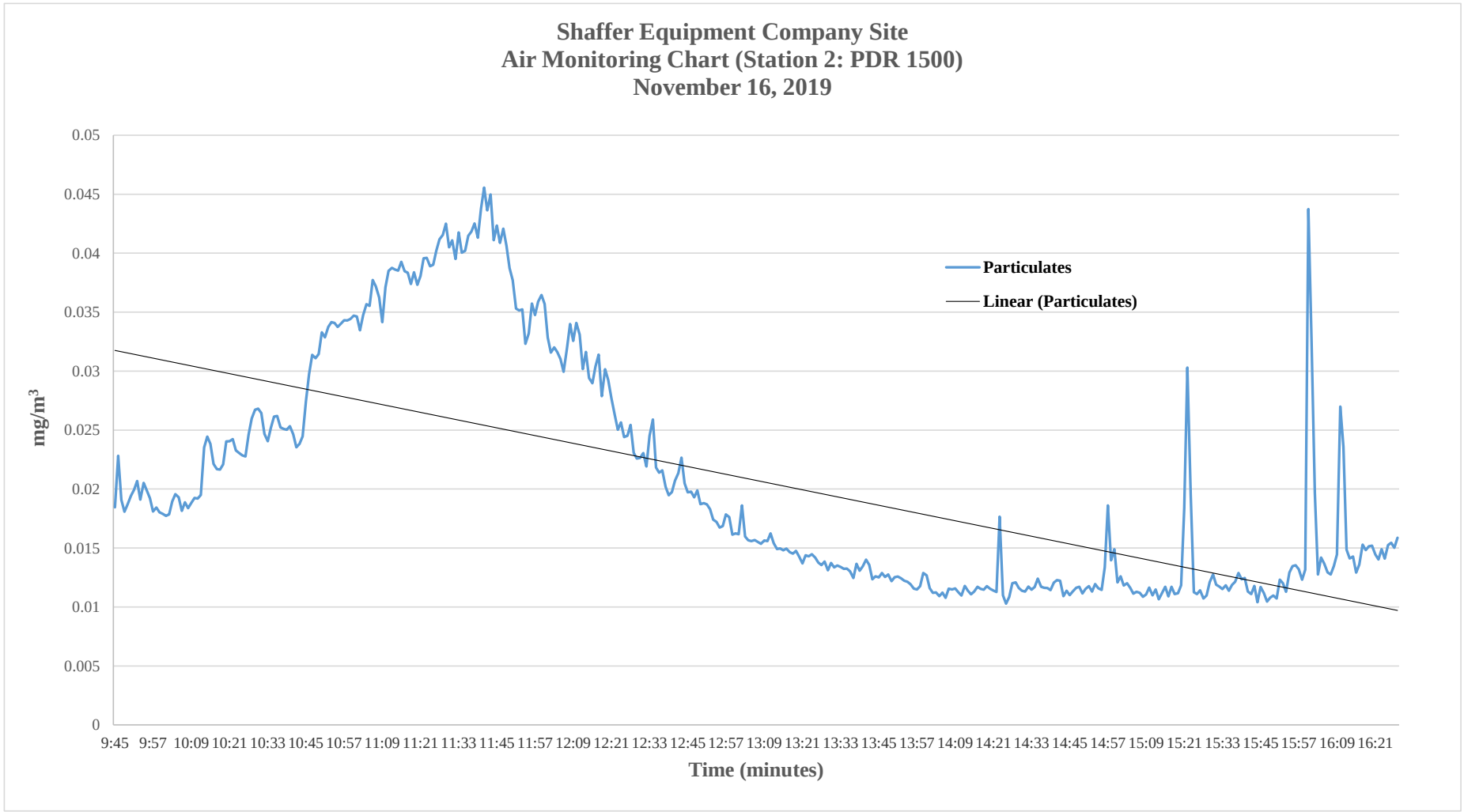
APPENDIX B

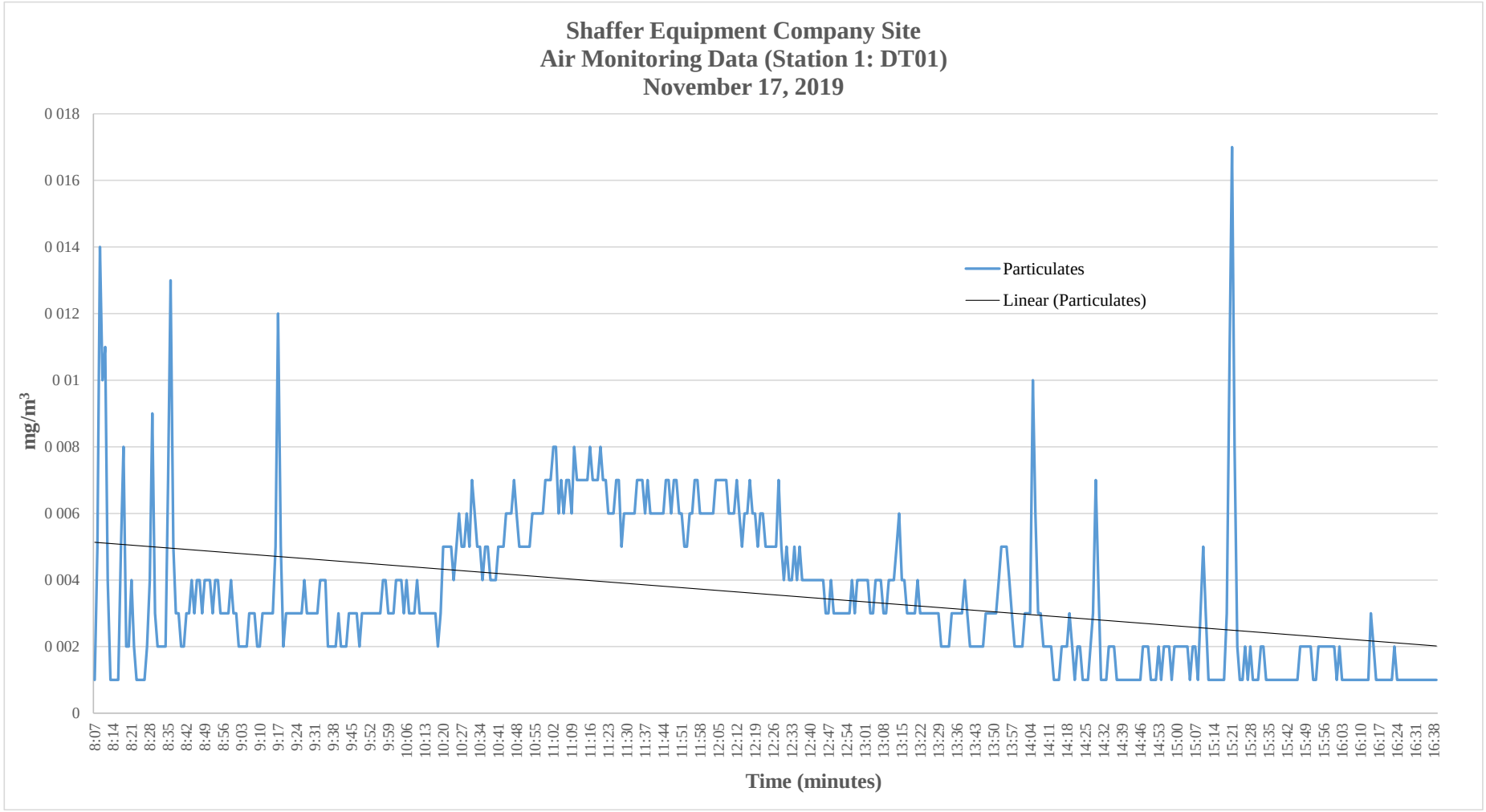
AIR MONITORING CHARTS


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01, Background)
November 4, 2019
0 06
0 05
0 04
0 03
0 02
0 01
0
mg/m3
Particulates
Linear (Particulates)
9:18
9:24
9:30
9:36
9:42
9:48
9:54
10:00
10:06
10:12
10:18
10:24
10:30
10:36
10:42
10:48
10:54
11:00
11:06
11:12
11:18
11:24
11:30
11:36
11:42
11:48
11:54
12:00
12:06
12:12
12:18
12:24
12:30
12:36
12:42
12:48
12:54
13:00
13:06
13:12
13:18
13:24
13:30
13:36
13:42
13:48
13:54
14:00
14:06
14:12
14:18
14:24
14:30
14:36
14:42
14:48
14:54
15:00
15:06
15:12
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PDR 1500, Background)
November 15, 2019
0.03
0.025
0.02
0.015
0.01
0.005
0
mg/m3
Particulates
Linear (Particulates)
10:01 10:14 10:27 10:40 10:53 11:06 11:19 11:32 11:45 11:58 12:11 12:24 12:37 12:50 13:03 13:16 13:29 13:42 13:55 14:08 14:21 14:34 14:47 15:00 15:13
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
November 16, 2019
0 05
0 045
0 04
0 035
0 03
0 025
0 02
0 015
0 01
0 005
0
mg/m3
8:33 8:35 8:37 8:39 8:41 8:43 8:45 8:47 8:49 8:51 8:53 8:55 8:57 8:59 9:01 9:03 9:05 9:07 9:09 9:11 9:13 9:15 9:17 9:19 9:21 9:23 9:25 9:27 9:29 9:31
Time (minutes)
Particulates
Linear (Particulates)


Shaffer Equipment Company Site
Air Monitoring Chart (Station 2: PDR 1500)
November 16, 2019
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
mg/m3
Particulates
Linear (Particulates)
9:45 9:57 10:09 10:21 10:33 10:45 10:57 11:09 11:21 11:33 11:45 11:57 12:09 12:21 12:33 12:45 12:57 13:09 13:21 13:33 13:45 13:57 14:09 14:21 14:33 14:45 14:57 15:09 15:21 15:33 15:45 15:57 16:09 16:21
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
November 17, 2019
mg/m3
0 018
0 016
0 014
0 012
0 01
0 008
0 006
0 004
0 002
0
Particulates
Linear (Particulates)
8:07
8:14
8:21
8:28
8:35
8:42
8:49
8:56
9:03
9:10
9:17
9:24
9:31
9:38
9:45
9:52
9:59
10:06
10:13
10:20
10:27
10:34
10:41
10:48
10:55
11:02
11:09
11:16
11:23
11:30
11:37
11:44
11:51
11:58
12:05
12:12
12:19
12:26
12:33
12:40
12:47
12:54
13:01
13:08
13:15
13:22
13:29
13:36
13:43
13:50
13:57
14:04
14:11
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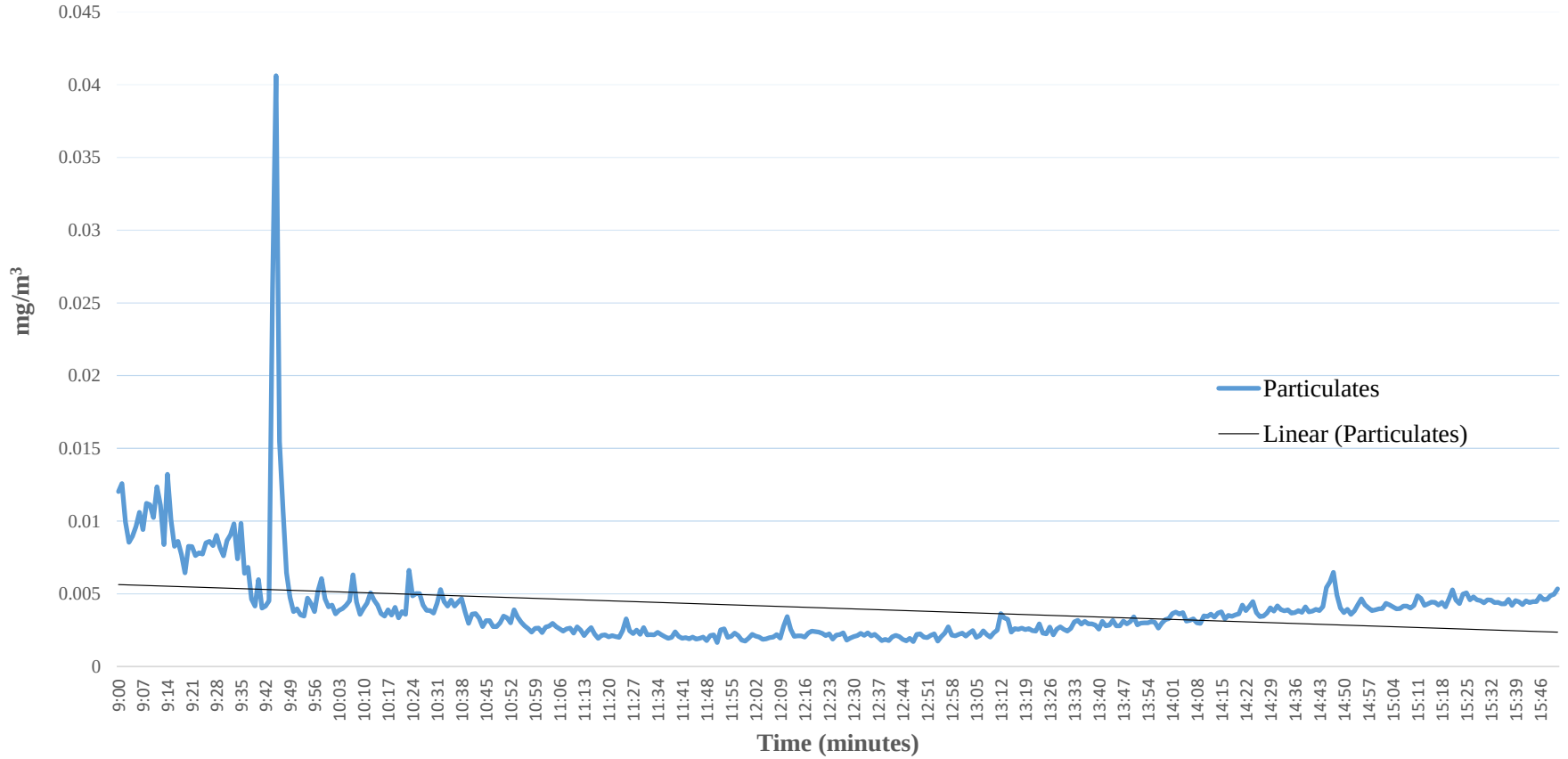
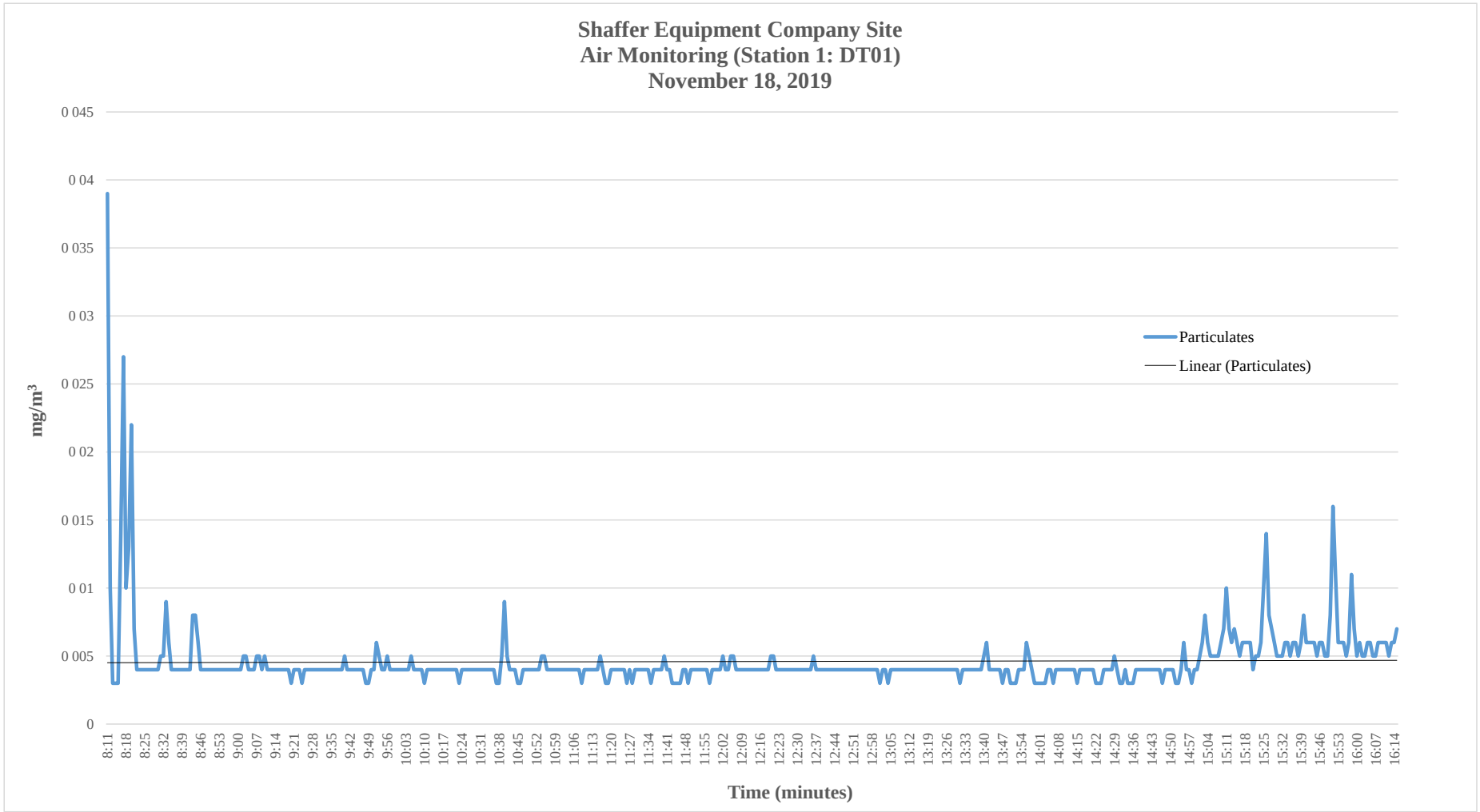
14:25
14:32
14:39
14:46
14:53
15:00
15:07
15:14
15:21
15:28
15:35
15:42
15:49
15:56
16:03
16:10
16:17
16:24
16:31
16:38
Time (minutes)

Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PDR 1500)
November 17, 2019




Shaffer Equipment Company Site
Air Monitoring (Station 1: DT01)
November 18, 2019
mg/m3
0 045
0 04
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0 03
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0 02
0 015
0 01
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0
Particulates
Linear (Particulates)
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14:57
15:04
15:11
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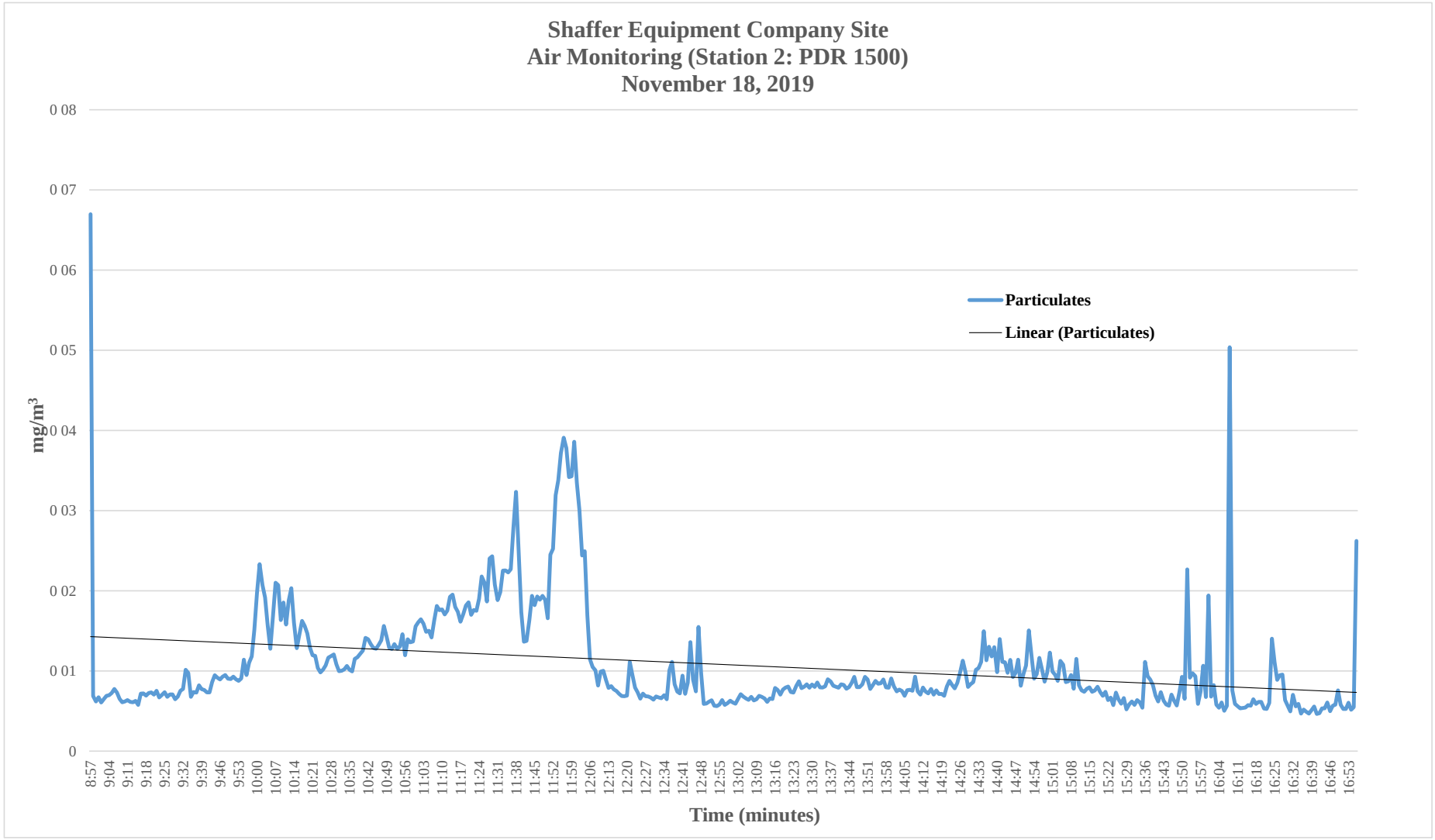
15:25
15:32
15:39
15:46
15:53
16:00
16:07
16:14
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring (Station 2: PDR 1500)
November 18, 2019
0 08
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mg/m3
Particulates
Linear (Particulates)
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14:47
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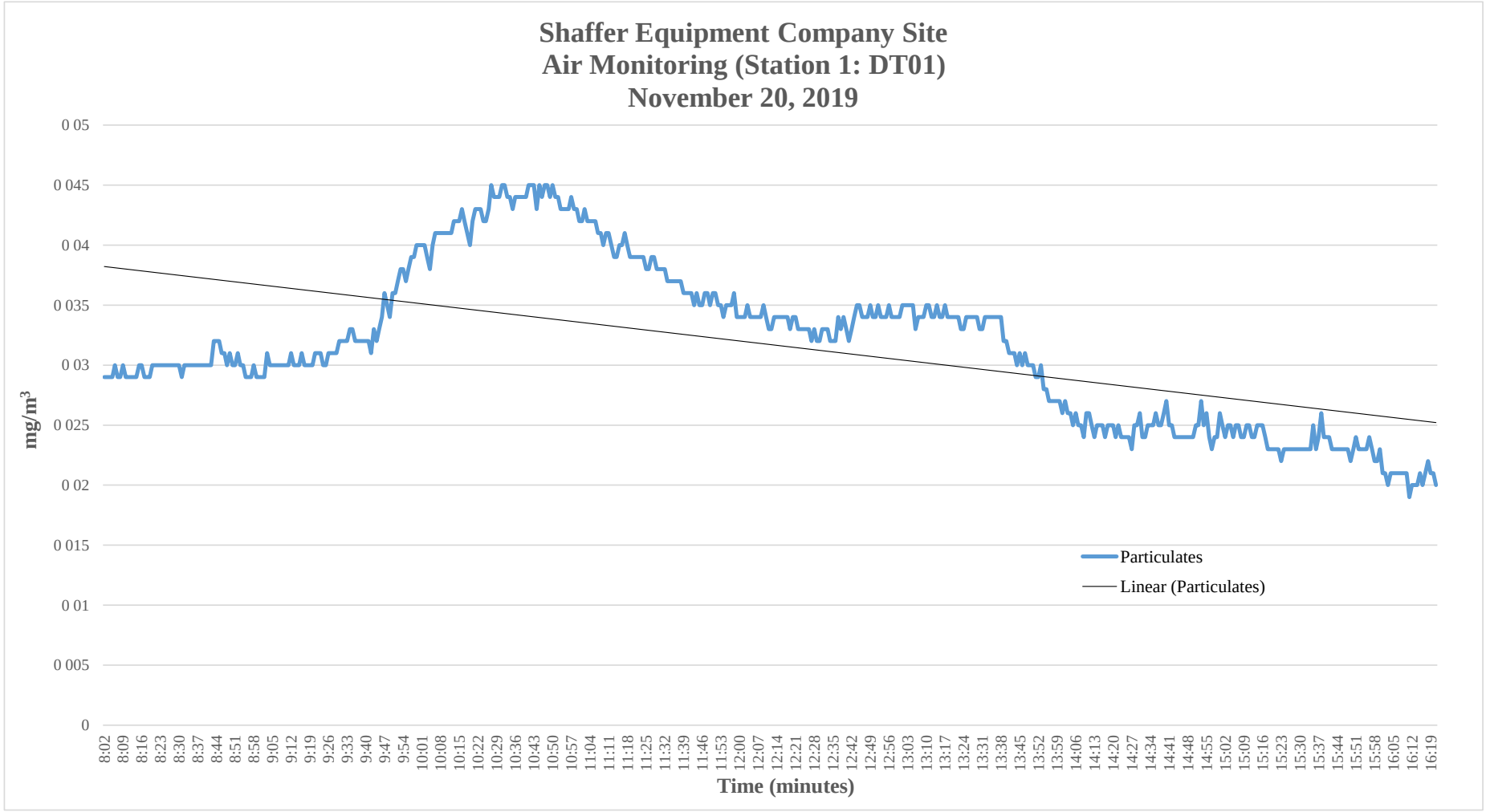
15:15
15:22
15:29
15:36
15:43
15:50
15:57
16:04
16:11
16:18
16:25
16:32
16:39
16:46
16:53
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring (Station 1: DT01)
November 20, 2019
0 05
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mg/m3
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14:55
15:02
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15:30
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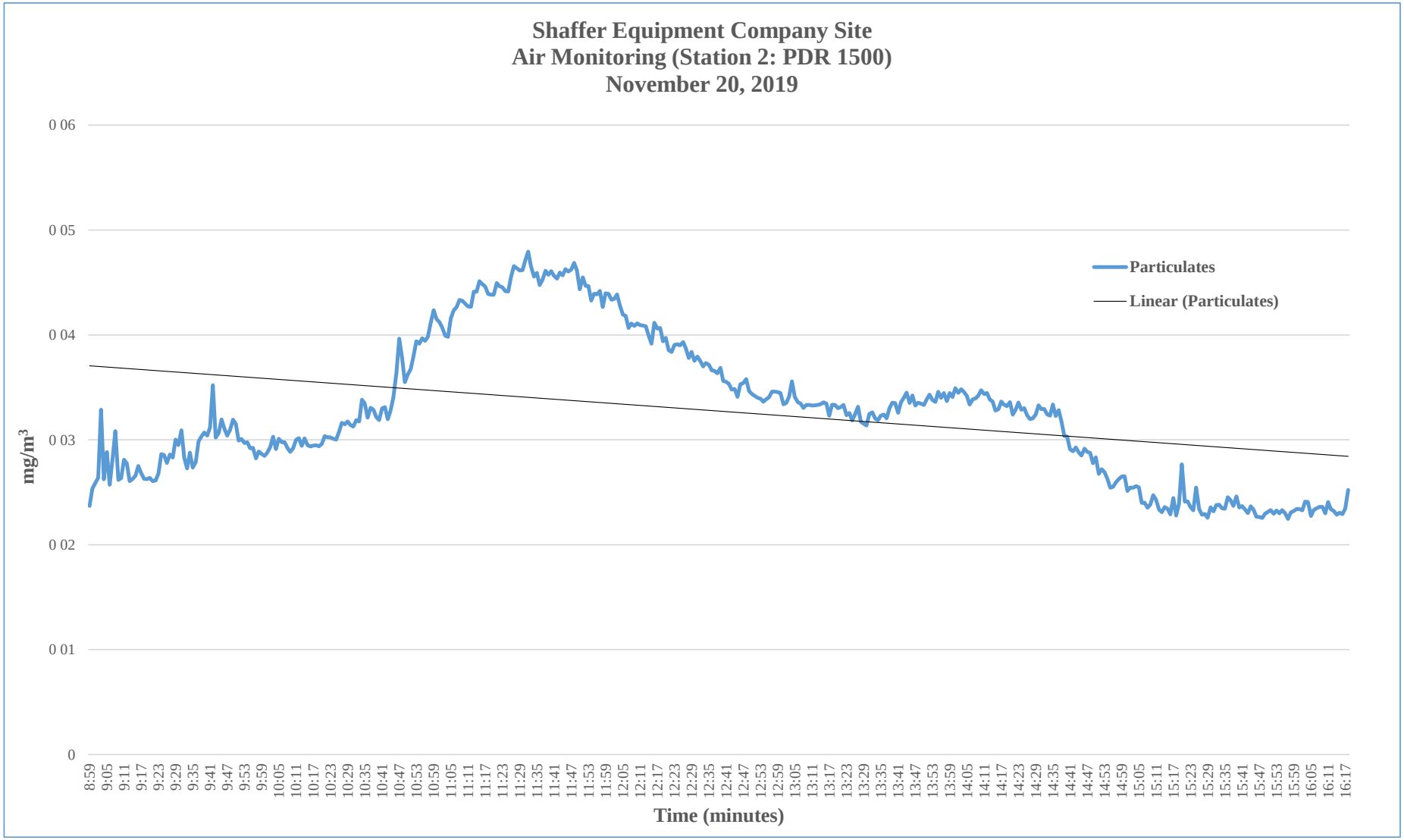
15:44
15:51
15:58
16:05
16:12
16:19
Time (minutes)
Particulates
Linear (Particulates)


Shaffer Equipment Company Site
Air Monitoring (Station 2: PDR 1500)
November 20, 2019
0 06
0 05
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mg/m³
Particulates
Linear (Particulates)
8:59
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14:59
15:05
15:11
15:17
15:23
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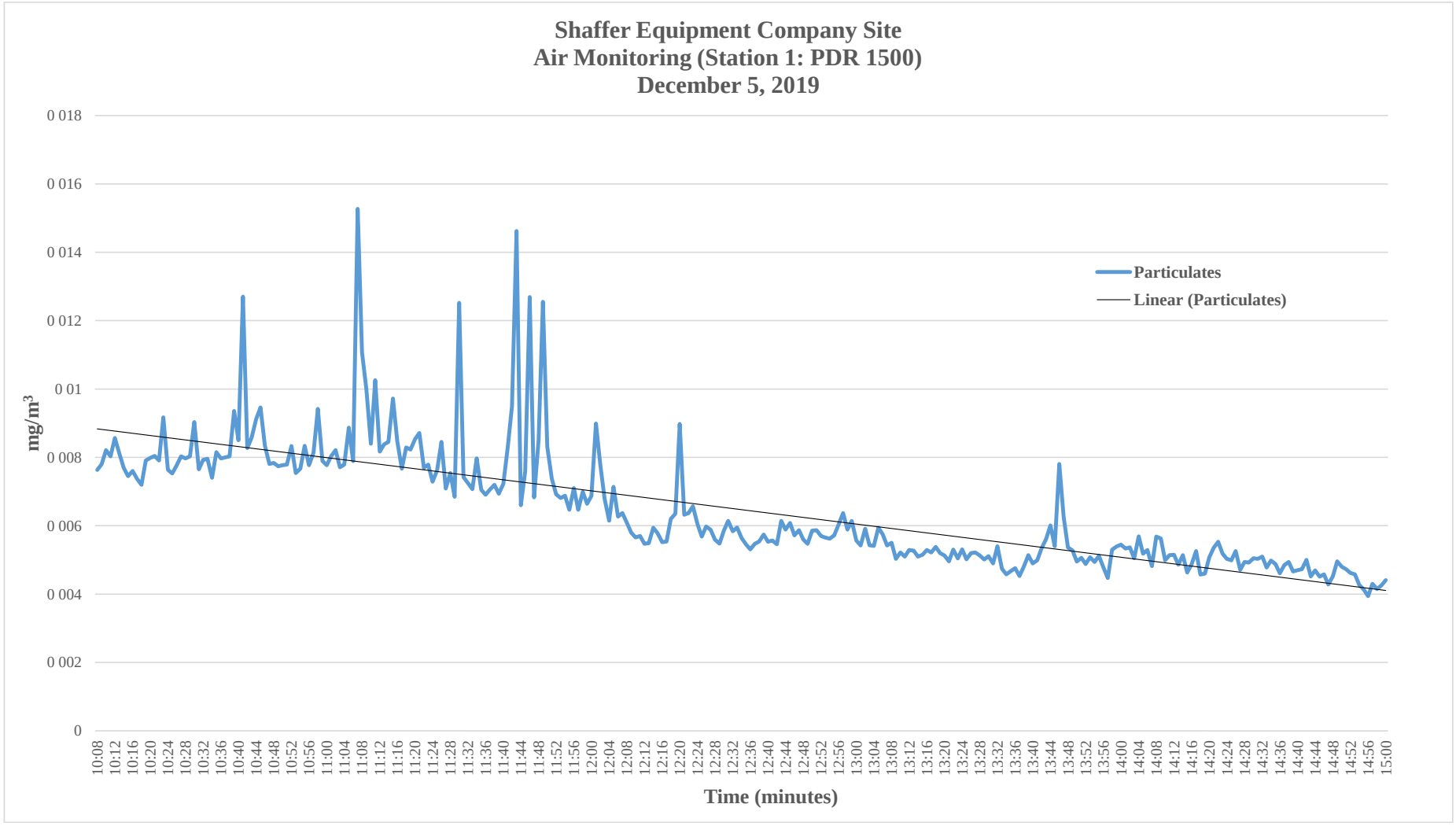
15:47
15:53
15:59
16:05
16:11
16:17
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring (Station 1: PDR 1500)
December 5, 2019
0 018
0 016
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0 012
0 01
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0 006
0 004
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mg/m3
Particulates
Linear (Particulates)
10:08
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11:36
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11:52
11:56
12:00
12:04
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12:16
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12:36
12:40
12:44
12:48
12:52
12:56
13:00
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13:44
13:48
13:52
13:56
14:00
14:04
14:08
14:12
14:16
14:20
14:24
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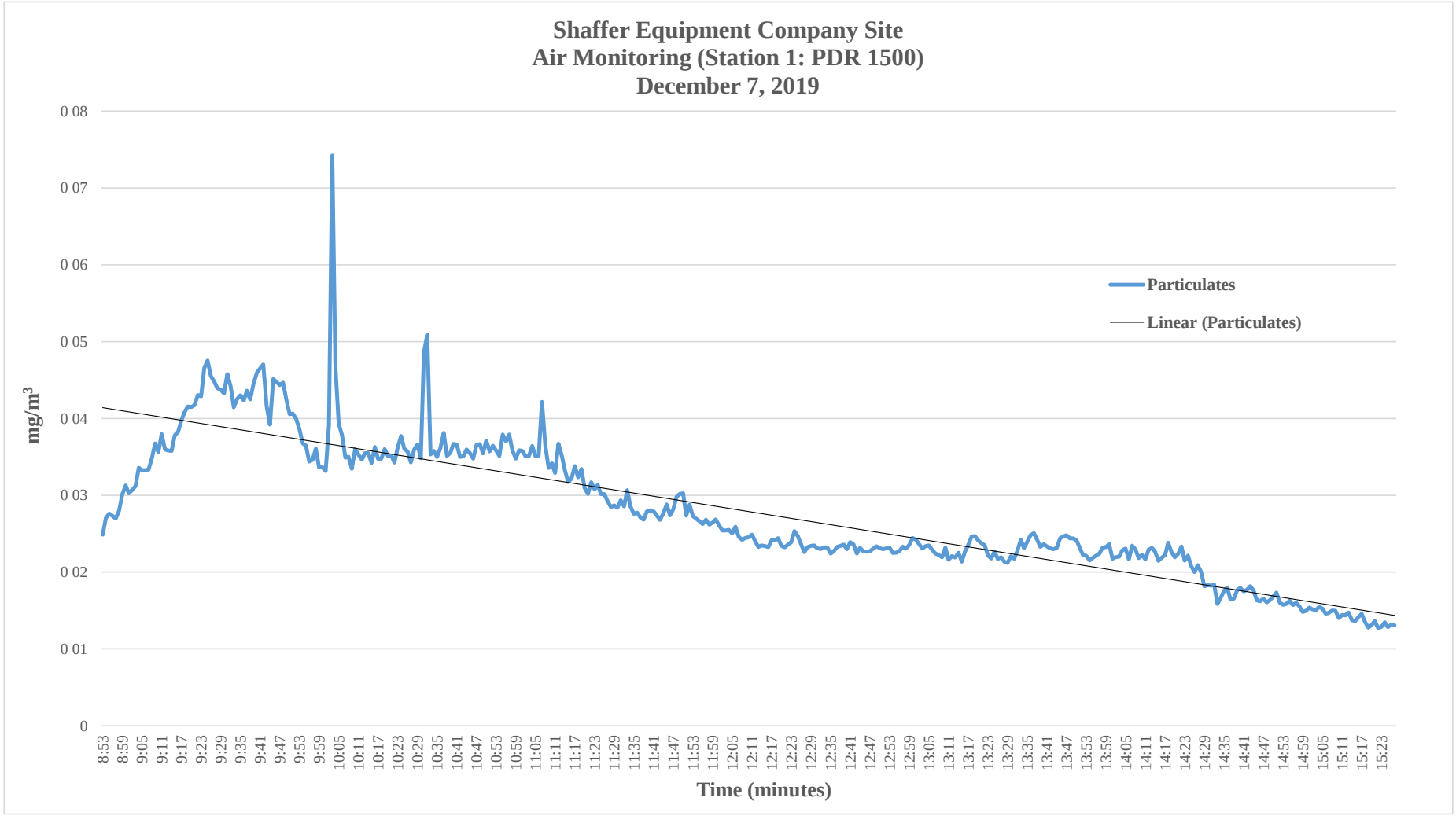
14:32
14:36
14:40
14:44
14:48
14:52
14:56
15:00
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring (Station 1: PDR 1500)
December 7, 2019
0 08
0 07
0 06
0 05
0 04
0 03
0 02
0 01
0
mg/m3
Particulates
Linear (Particulates)
8:53
8:59
9:05
9:11
9:17
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9:29
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9:41
9:47
9:53
9:59
10:05
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14:05
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14:17
14:23
14:29
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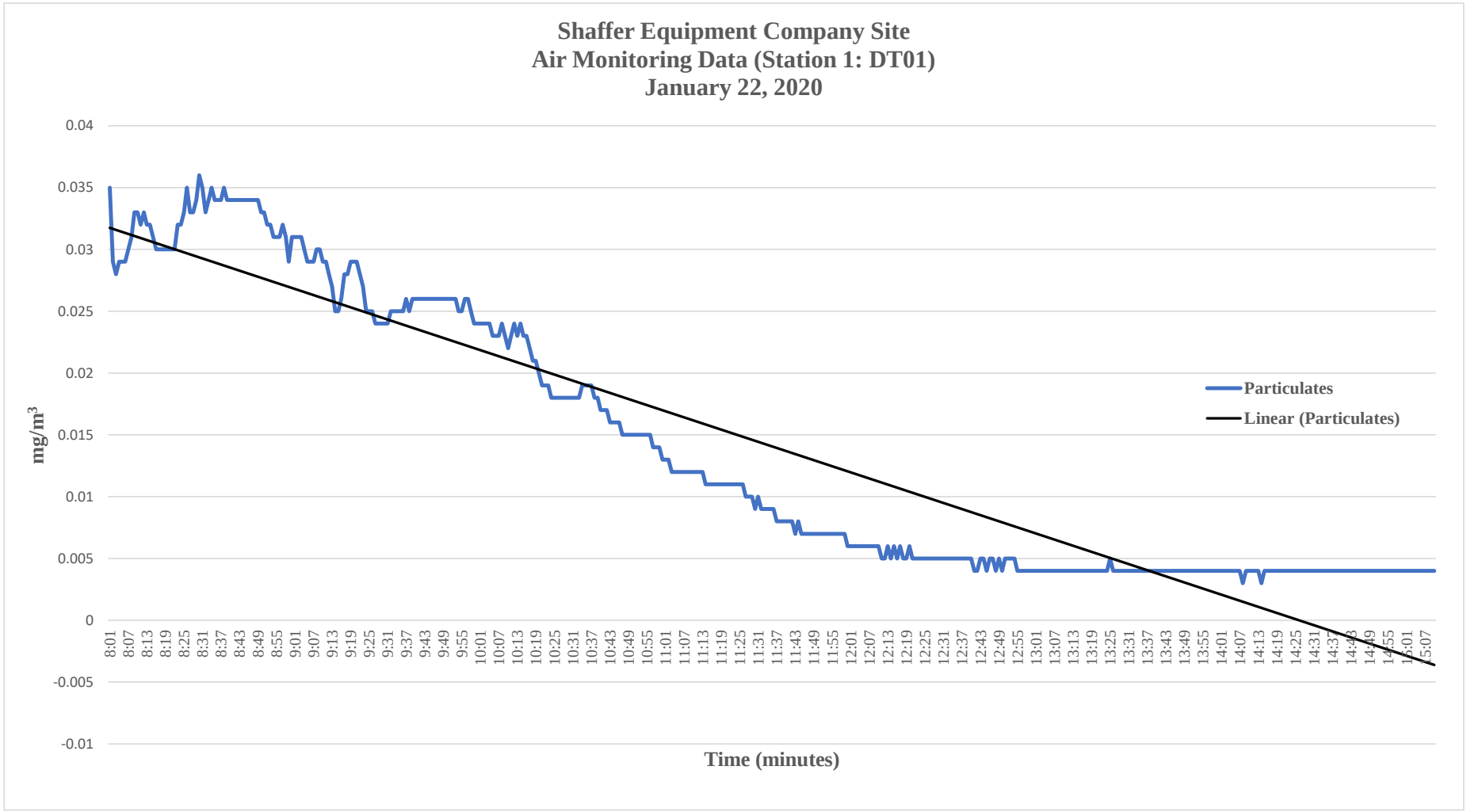
14:41
14:47
14:53
14:59
15:05
15:11
15:17
15:23
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
January 22, 2020
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
-0.005
-0.01
mg/m3
Particulates
Linear (Particulates)
8:01
8:07
8:13
8:19
8:25
8:31
8:37
8:43
8:49
8:55
9:01
9:07
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9:19
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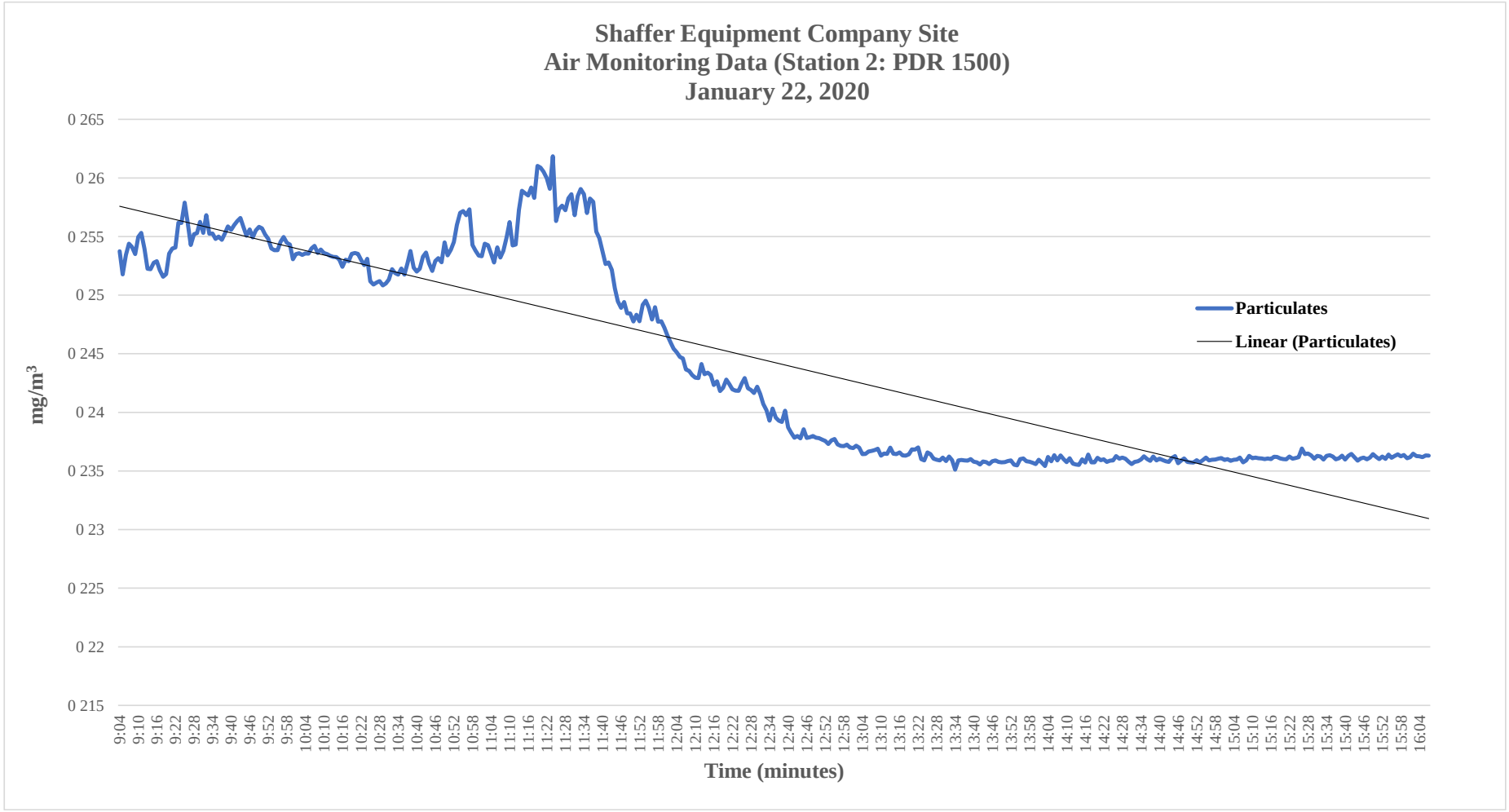
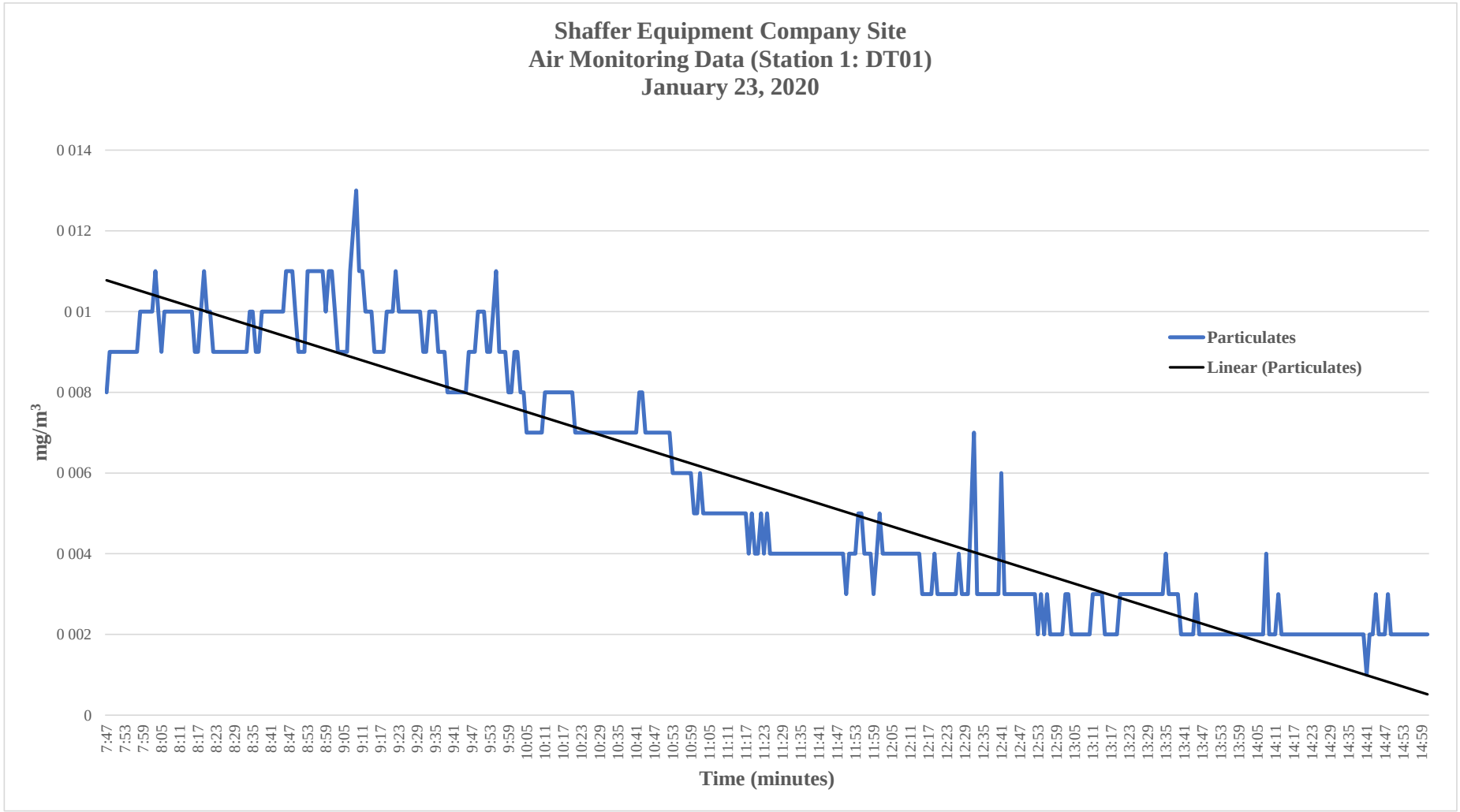
13:49
13:55
14:01
14:07
14:13
14:19
14:25
14:31
14:37
14:43
14:49
14:55
15:01
15:07
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PDR 1500)
January 22, 2020
mg/m3
0 265
0 26
0 255
0 25
0 245
0 24
0 235
0 23
0 225
0 22
0 215
Particulates
Linear (Particulates)
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
January 23, 2020
0 014
0 012
0 01
0 008
0 006
0 004
0 002
0
mg/m3
Particulates
Linear (Particulates)
7:47
7:53
7:59
8:05
8:11
8:17
8:23
8:29
8:35
8:41
8:47
8:53
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9:05
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13:53
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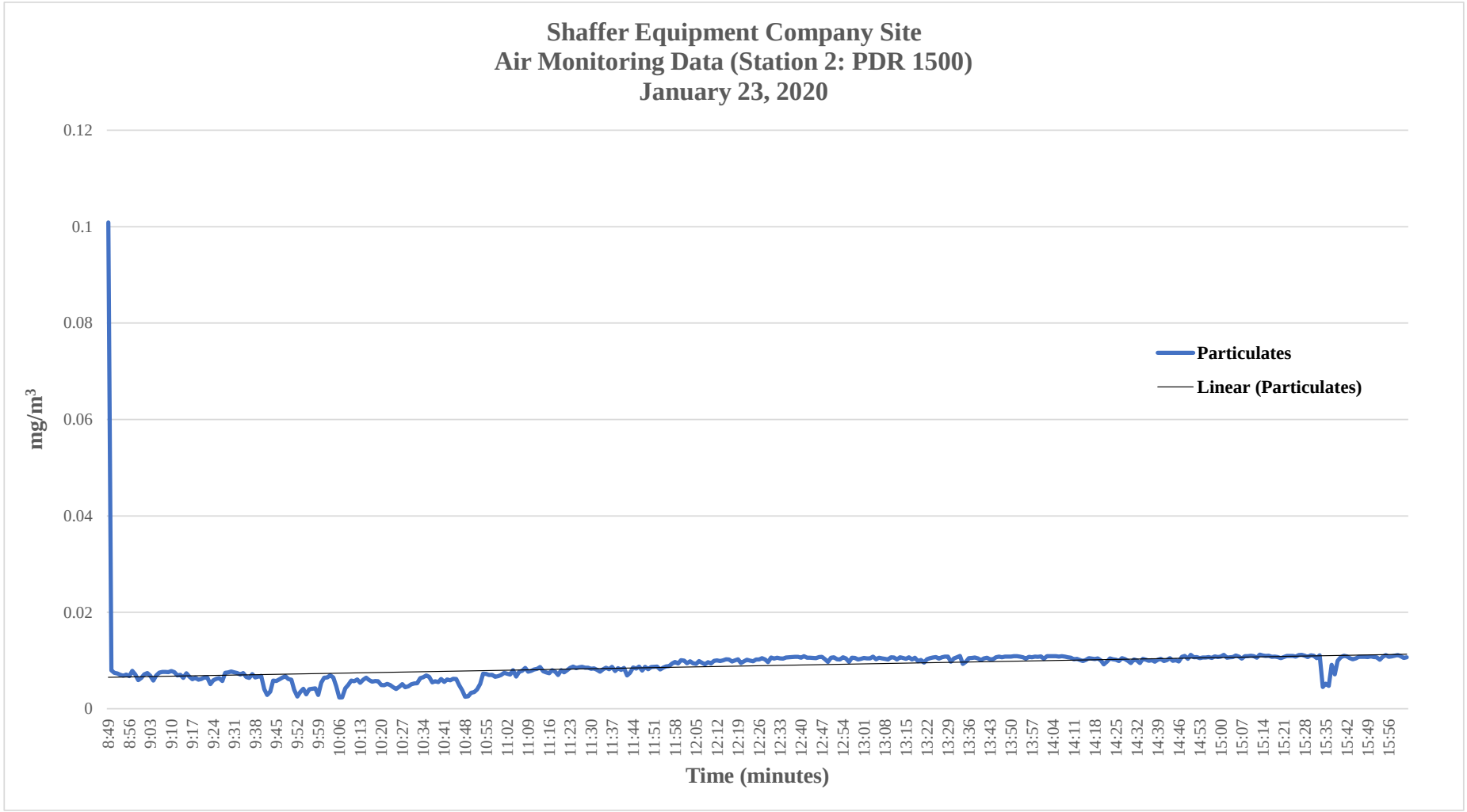
14:35
14:41
14:47
14:53
14:59
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PDR 1500)
January 23, 2020
0.12
0.1
0.08
0.06
0.04
0.02
0
mg/m3
Particulates
Linear (Particulates)
8:49
8:56
9:03
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9:38
9:45
9:52
9:59
10:06
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14:39
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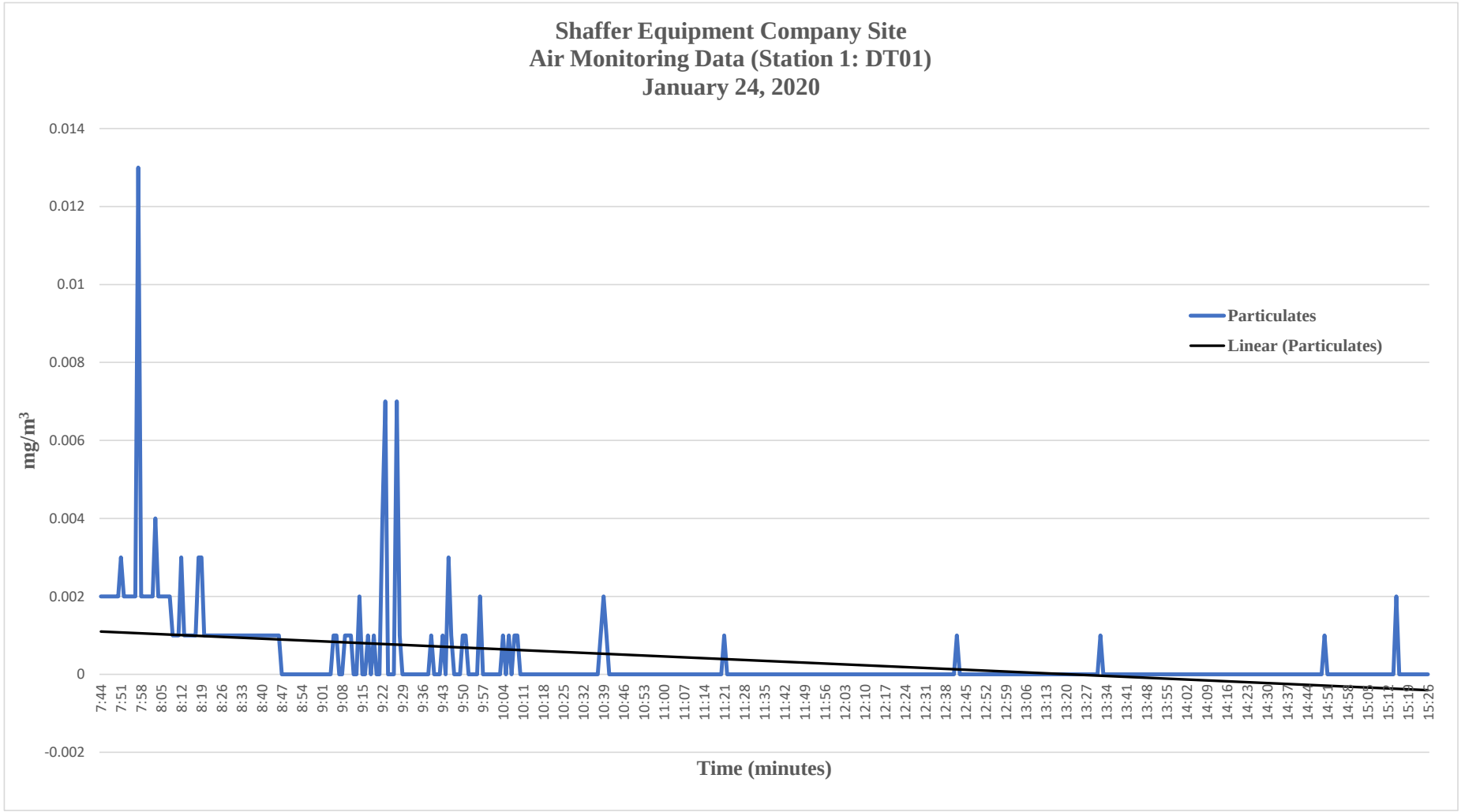
15:07
15:14
15:21
15:28
15:35
15:42
15:49
15:56
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
January 24, 2020
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
-0.002
mg/m3
Particulates
Linear (Particulates)
7:44
7:51
7:58
8:05
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8:47
8:54
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13:55
14:02
14:09
14:16
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14:30
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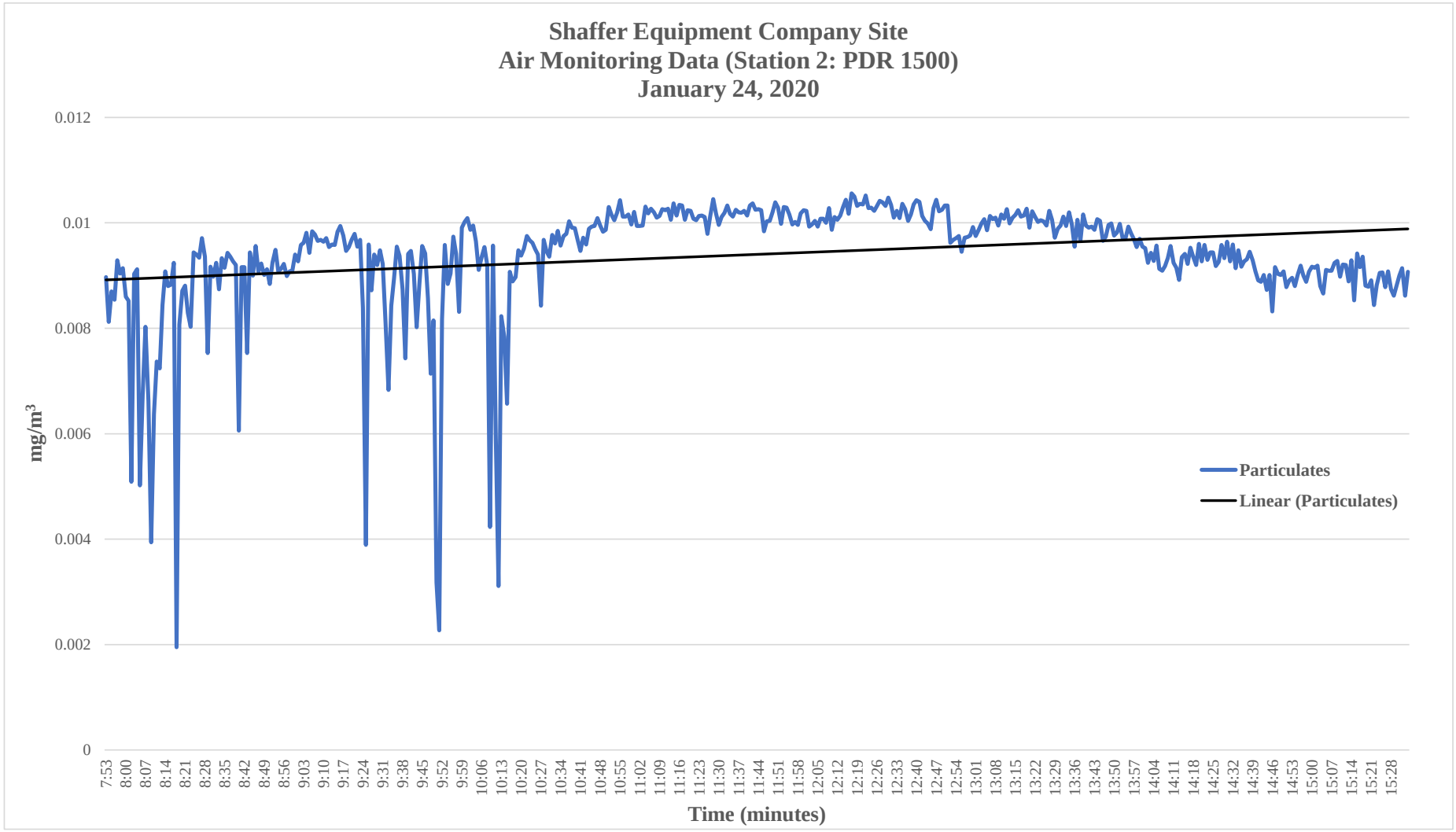
14:44
14:51
14:58
15:05
15:12
15:19
15:26
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PDR 1500)
January 24, 2020
0.012
0.01
0.008
0.006
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0
mg/m3
Particulates
Linear (Particulates)
7:53
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14:53
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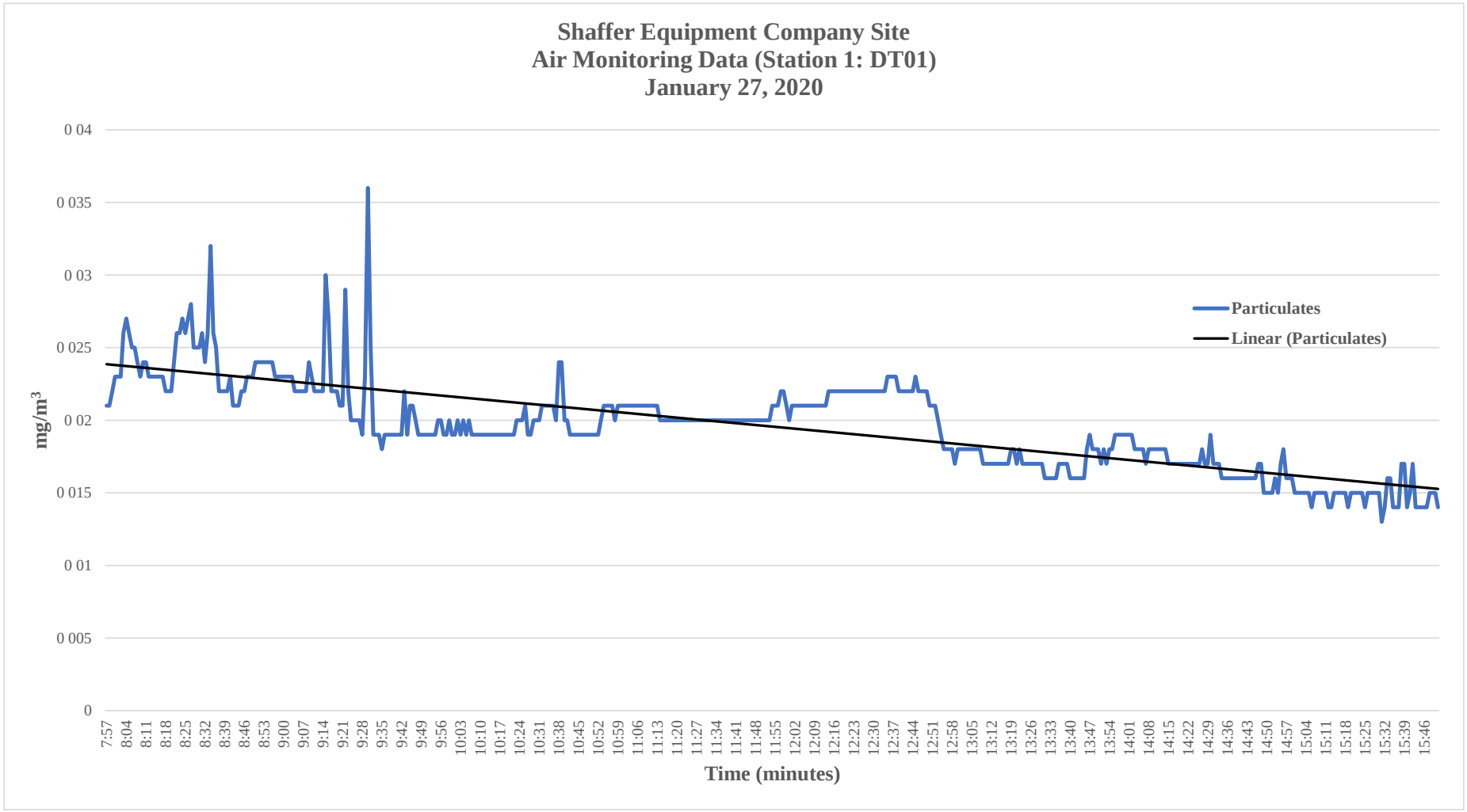
15:07
15:14
15:21
15:28
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
January 27, 2020
0 04
0 035
0 03
0 025
0 02
0 015
0 01
0 005
0
mg/m3
Particulates
Linear (Particulates)
7:57
8:04
8:11
8:18
8:25
8:32
8:39
8:46
8:53
9:00
9:07
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9:35
9:42
9:49
9:56
10:03
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13:47
13:54
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14:08
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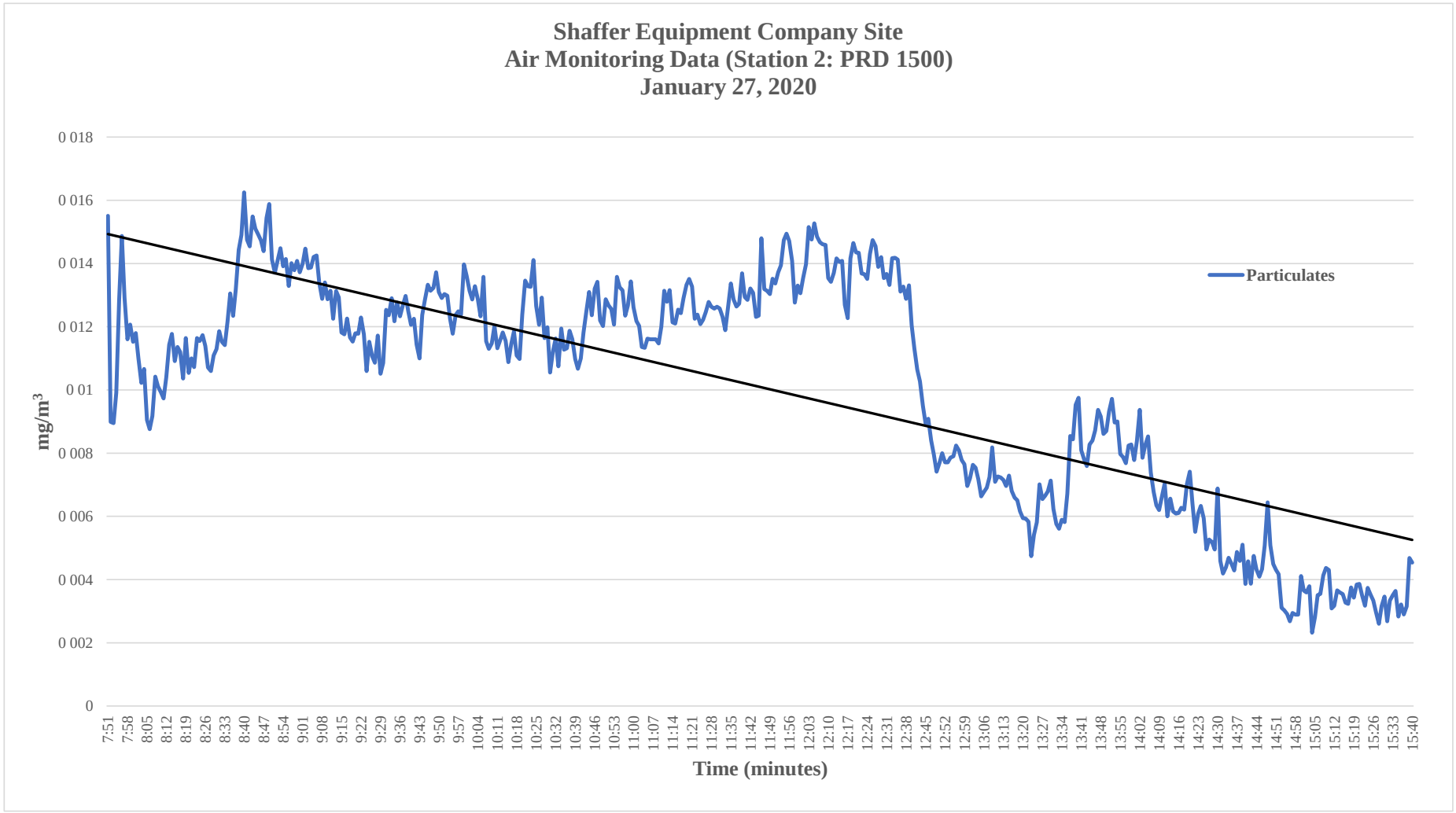
14:22
14:29
14:36
14:43
14:50
14:57
15:04
15:11
15:18
15:25
15:32
15:39
15:46
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PRD 1500)
January 27, 2020
0 018
0 016
0 014
0 012
0 01
0 008
0 006
0 004
0 002
0
mg/m3
Particulates
7:51
7:58
8:05
8:12
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8:26
8:33
8:40
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8:54
9:01
9:08
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13:34
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14:02
14:09
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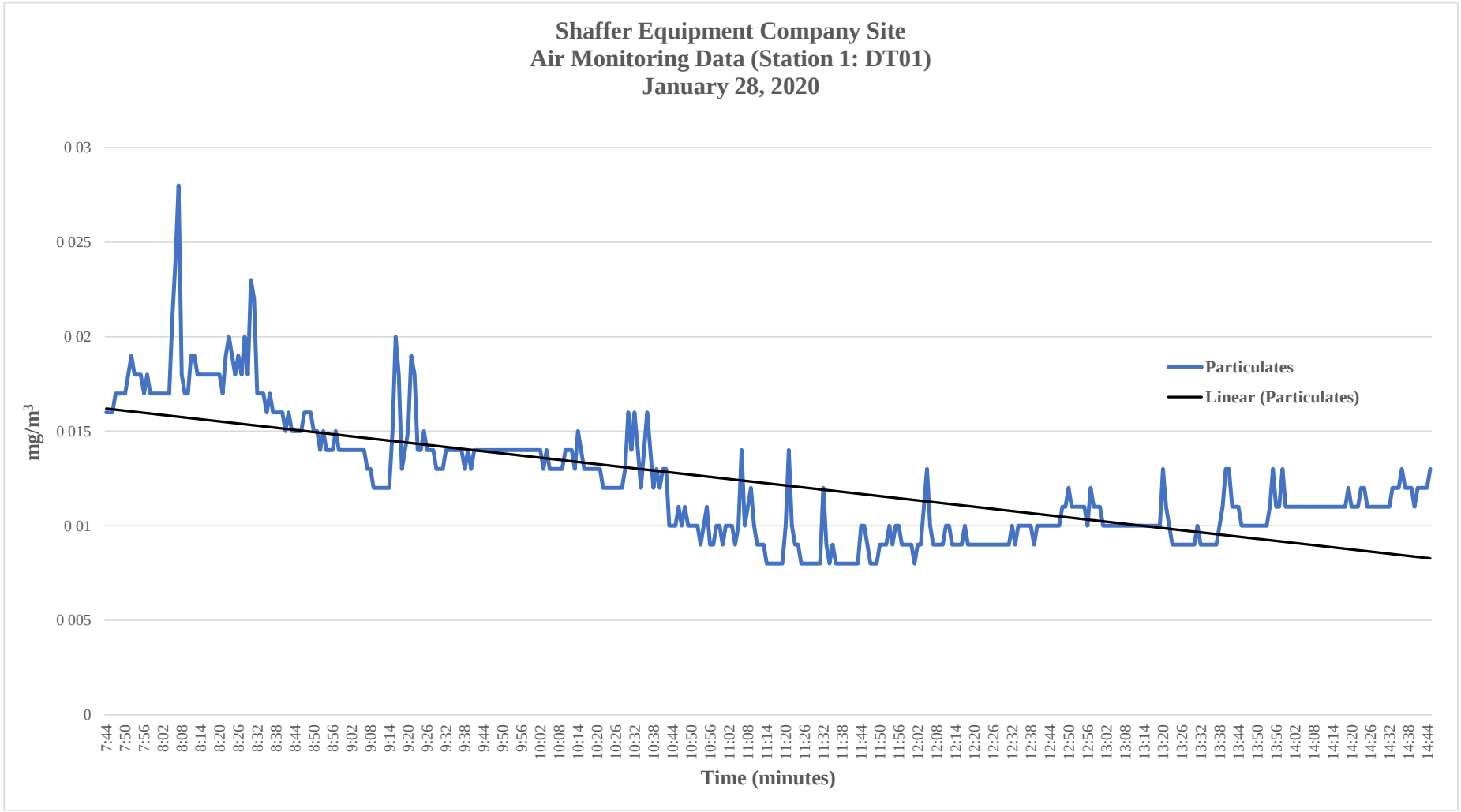
14:23
14:30
14:37
14:44
14:51
14:58
15:05
15:12
15:19
15:26
15:33
15:40
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
January 28, 2020
0 03
0 025
0 02
0 015
0 01
0 005
0
mg/m3
Particulates
Linear (Particulates)
7:44
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7:56
8:02
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13:32
13:38
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13:50
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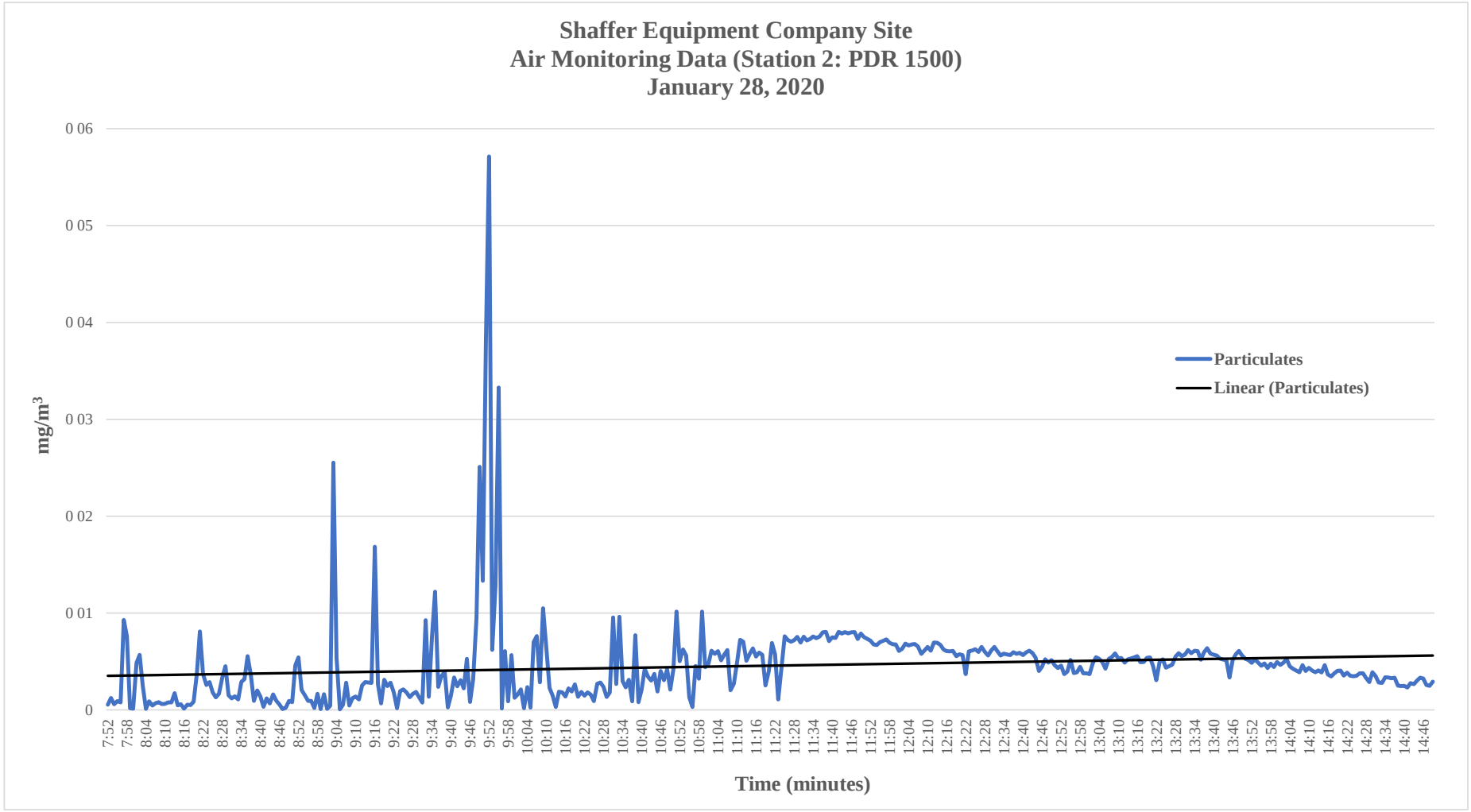
14:02
14:08
14:14
14:20
14:26
14:32
14:38
14:44
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PDR 1500)
January 28, 2020
0 06
0 05
0 04
0 03
0 02
0 01
0
mg/m3
Particulates
Linear (Particulates)
7:52
7:58
8:04
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13:46
13:52
13:58
14:04
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14:16
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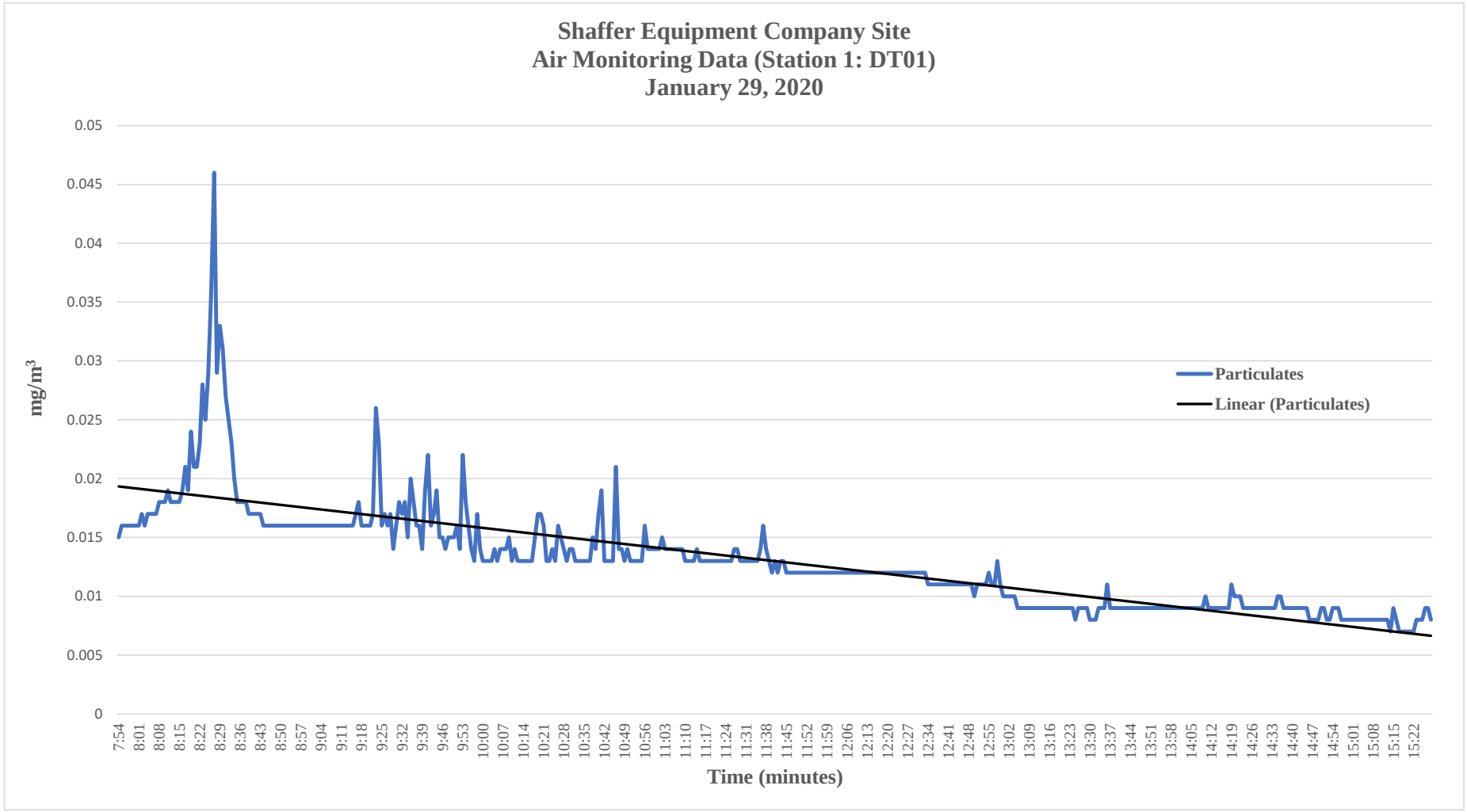
14:28
14:34
14:40
14:46
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
January 29, 2020
mg/m3
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
7:54
8:01
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14:26
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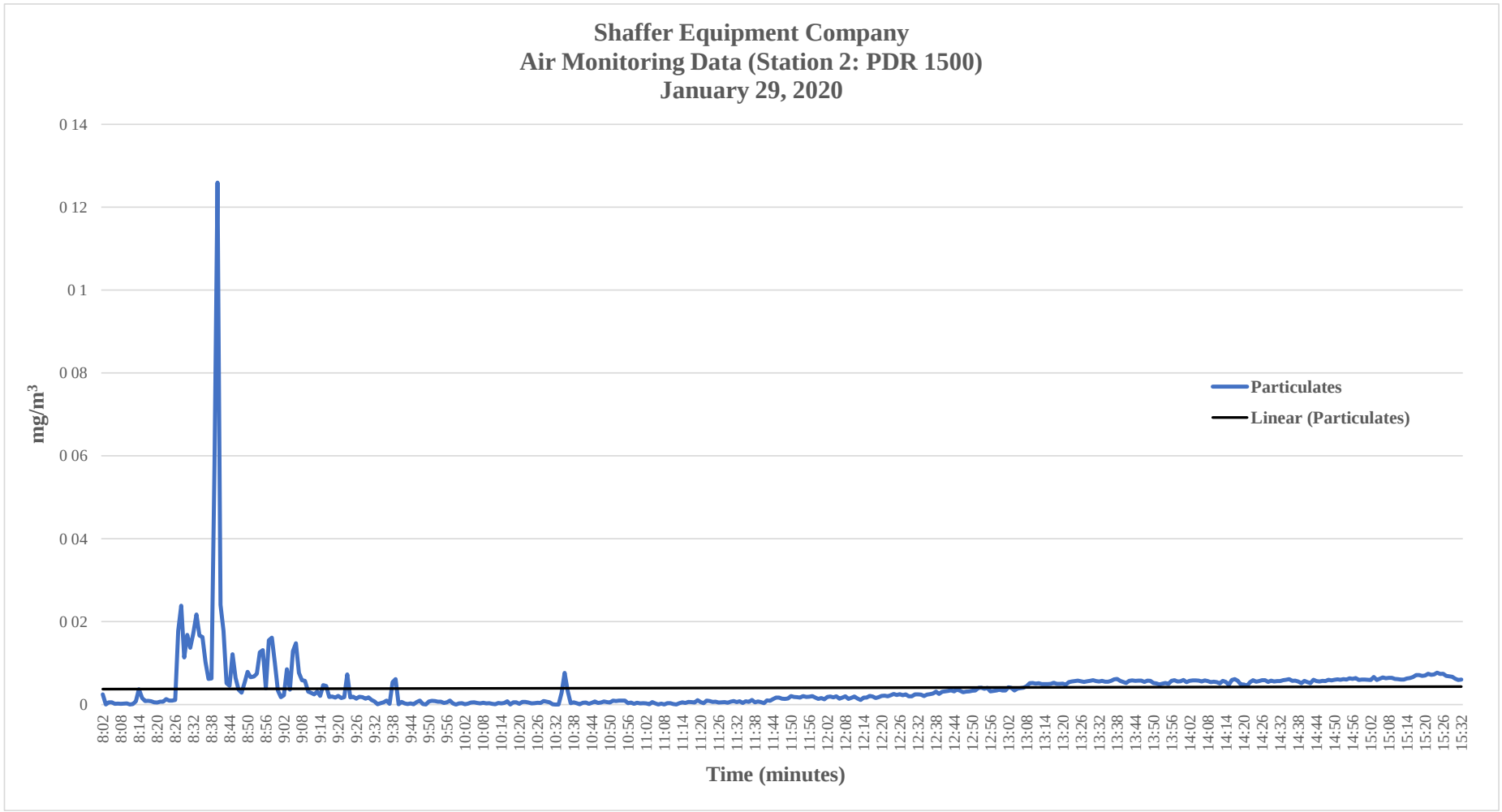
14:47
14:54
15:01
15:08
15:15
15:22
Time (minutes)
Particulates
Linear (Particulates)


Shaffer Equipment Company
Air Monitoring Data (Station 2: PDR 1500)
January 29, 2020
0 14
0 12
0 1
0 08
0 06
0 04
0 02
0
mg/m3
Particulates
Linear (Particulates)
8:02
8:08
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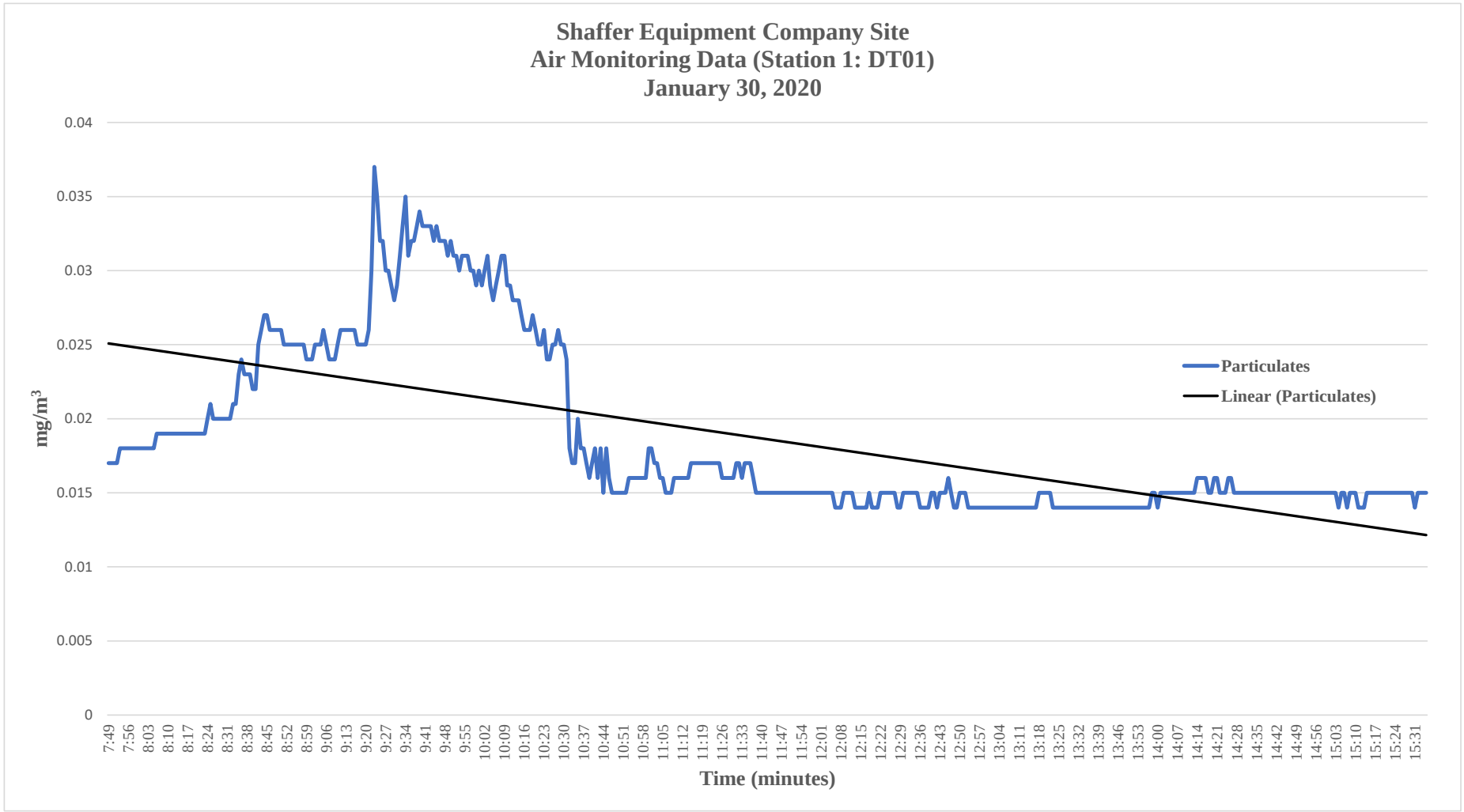
14:26
14:32
14:38
14:44
14:50
14:56
15:02
15:08
15:14
15:20
15:26
15:32
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
January 30, 2020
mg/m3
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
7:49
7:56
8:03
8:10
8:17
8:24
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14:56
15:03
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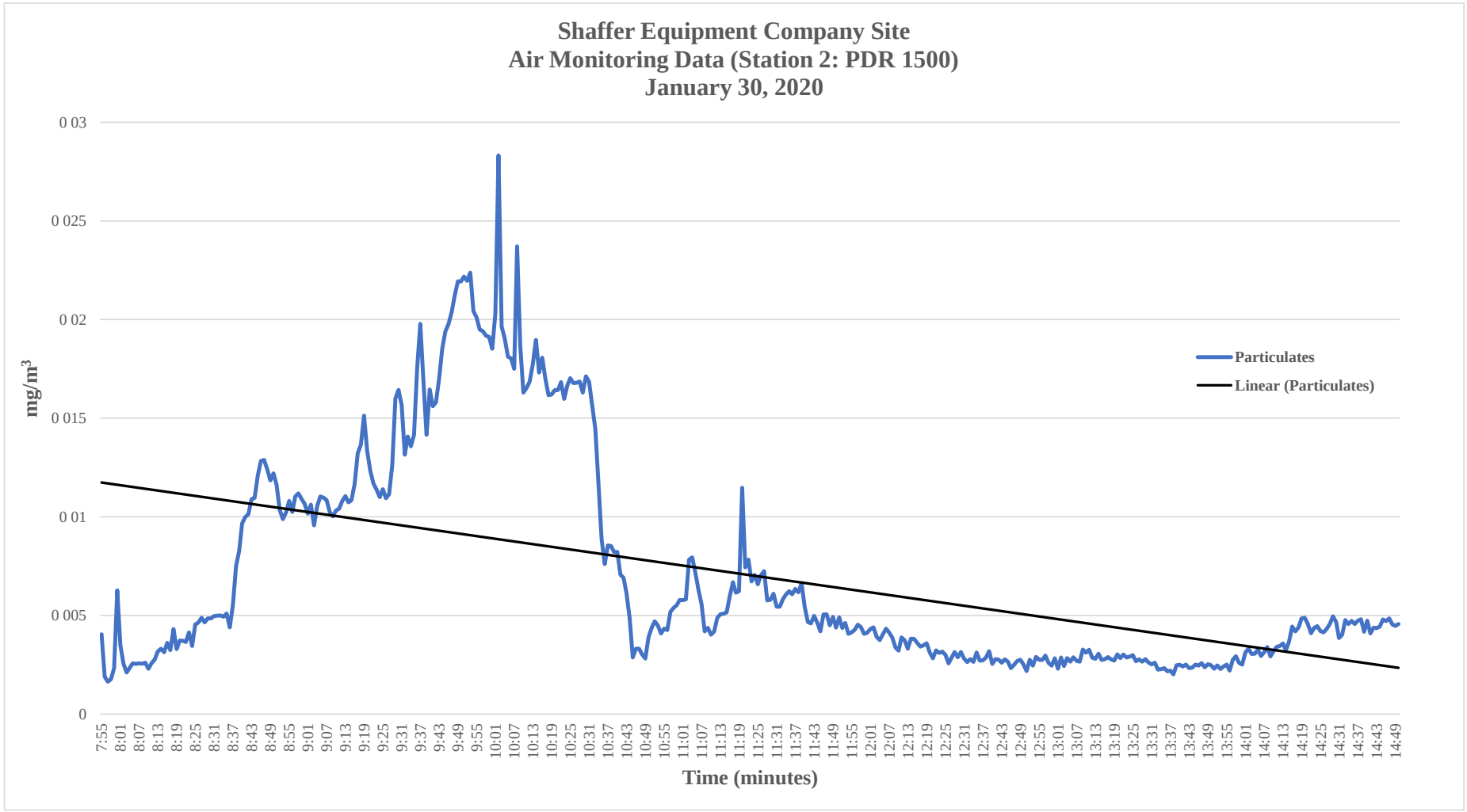
15:17
15:24
15:31
Time (minutes)
Particulates
Linear (Particulates)


Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PDR 1500)
January 30, 2020
mg/m³
0 03
0 025
0 02
0 015
0 01
0 005
0
Particulates
Linear (Particulates)
7:55
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13:43
13:49
13:55
14:01
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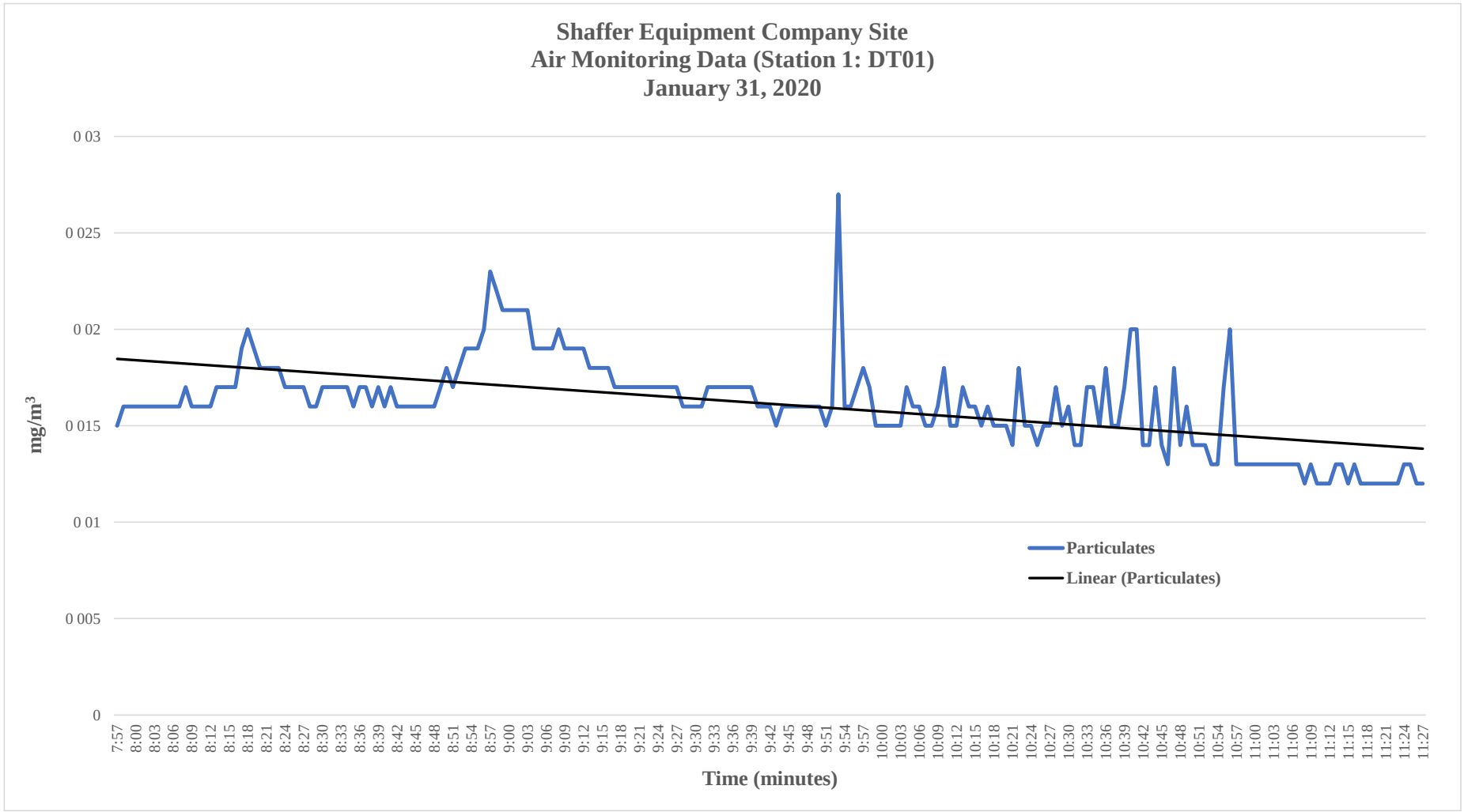
14:37
14:43
14:49
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
January 31, 2020
0 03
0 025
0 02
0 015
0 01
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0
mg/m3
7:57
8:00
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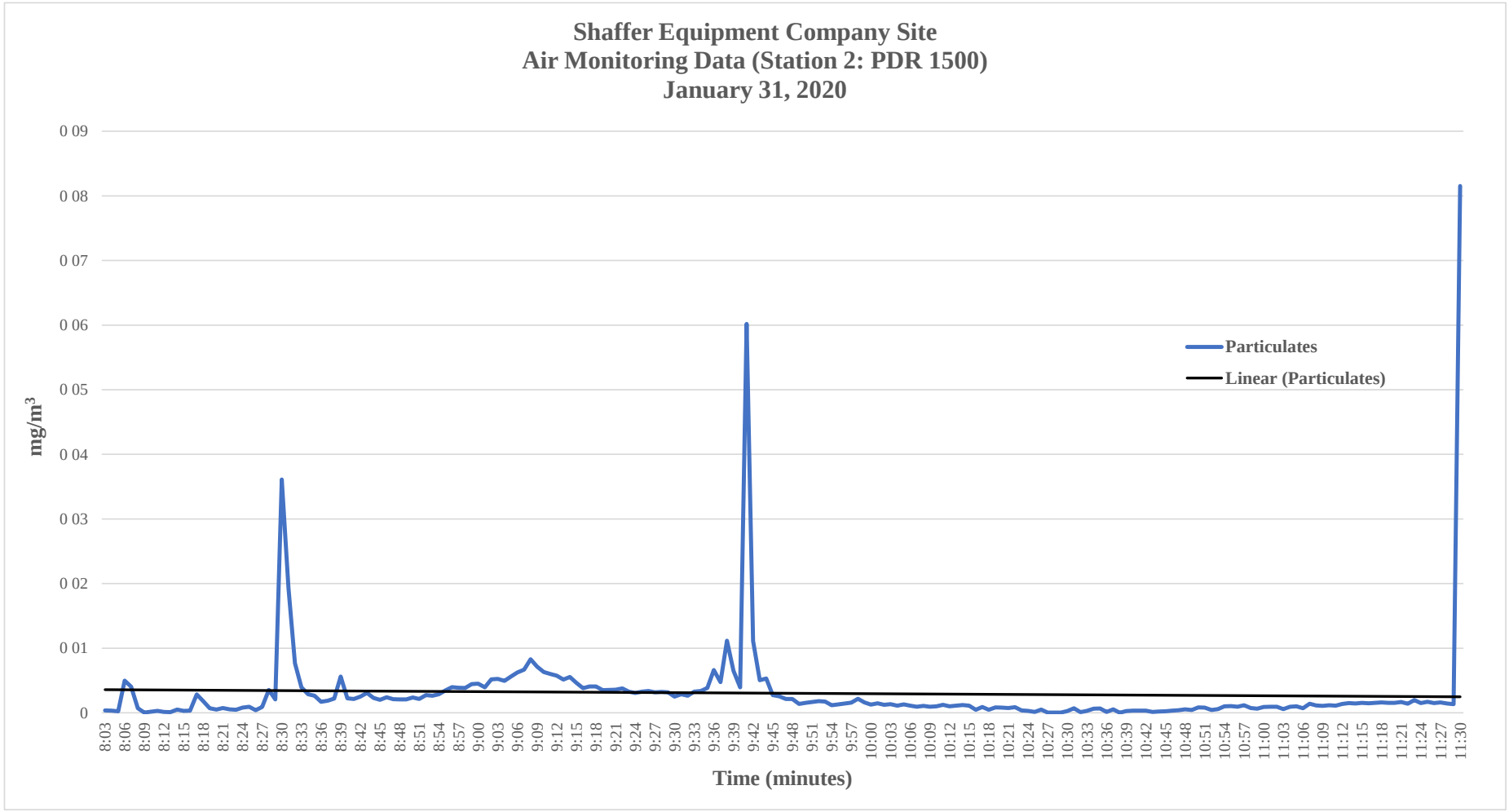
11:24
11:27
Time (minutes)
Particulates
Linear (Particulates)


Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PDR 1500)
January 31, 2020
0 09
0 08
0 07
0 06
0 05
0 04
0 03
0 02
0 01
0
mg/m3
Particulates
Linear (Particulates)
8:03
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10:57
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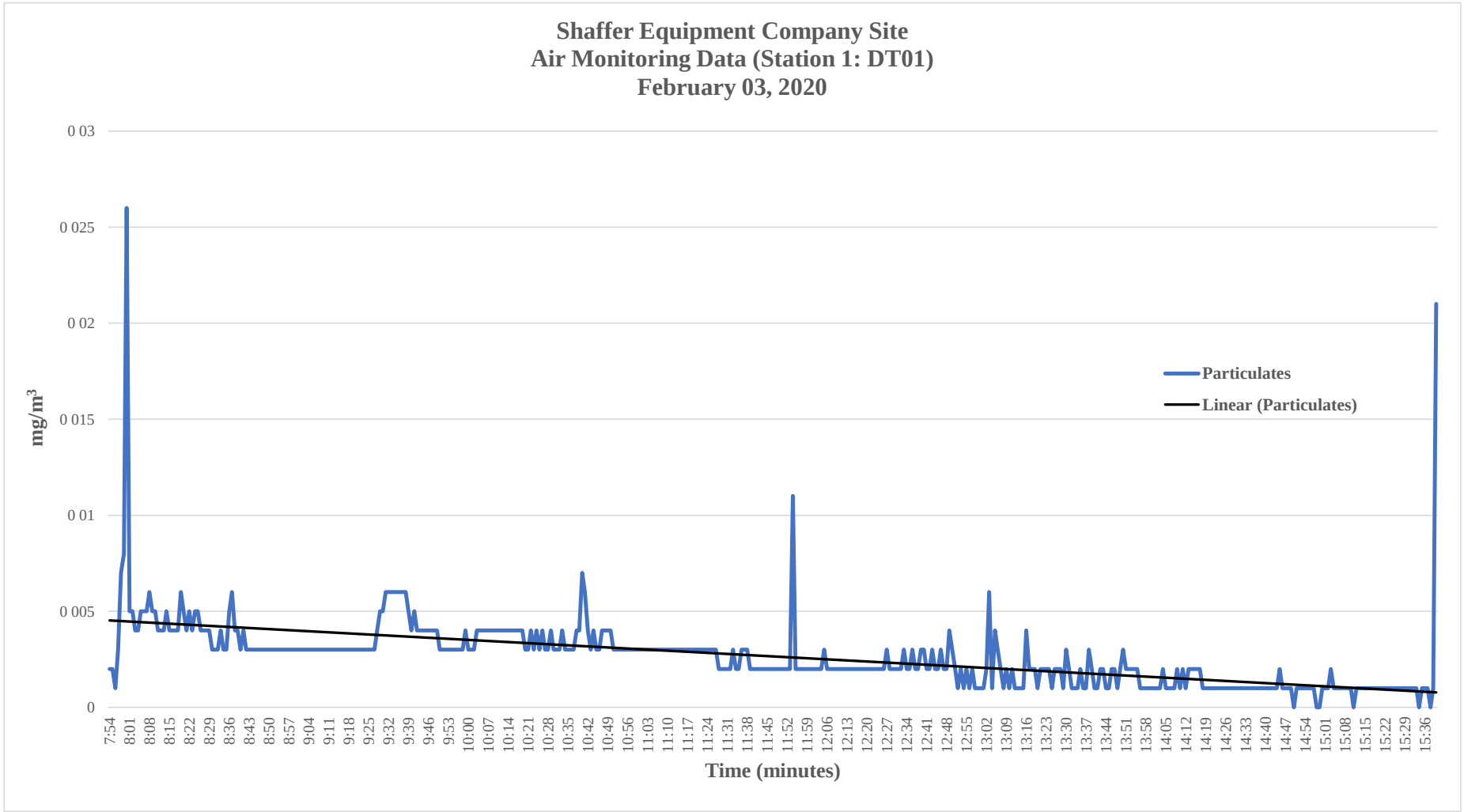
11:24
11:27
11:30
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
February 03, 2020
0 03
0 025
0 02
0 015
0 01
0 005
0
mg/m3
Particulates
Linear (Particulates)
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8:01
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8:57
9:04
9:11
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15:01
15:08
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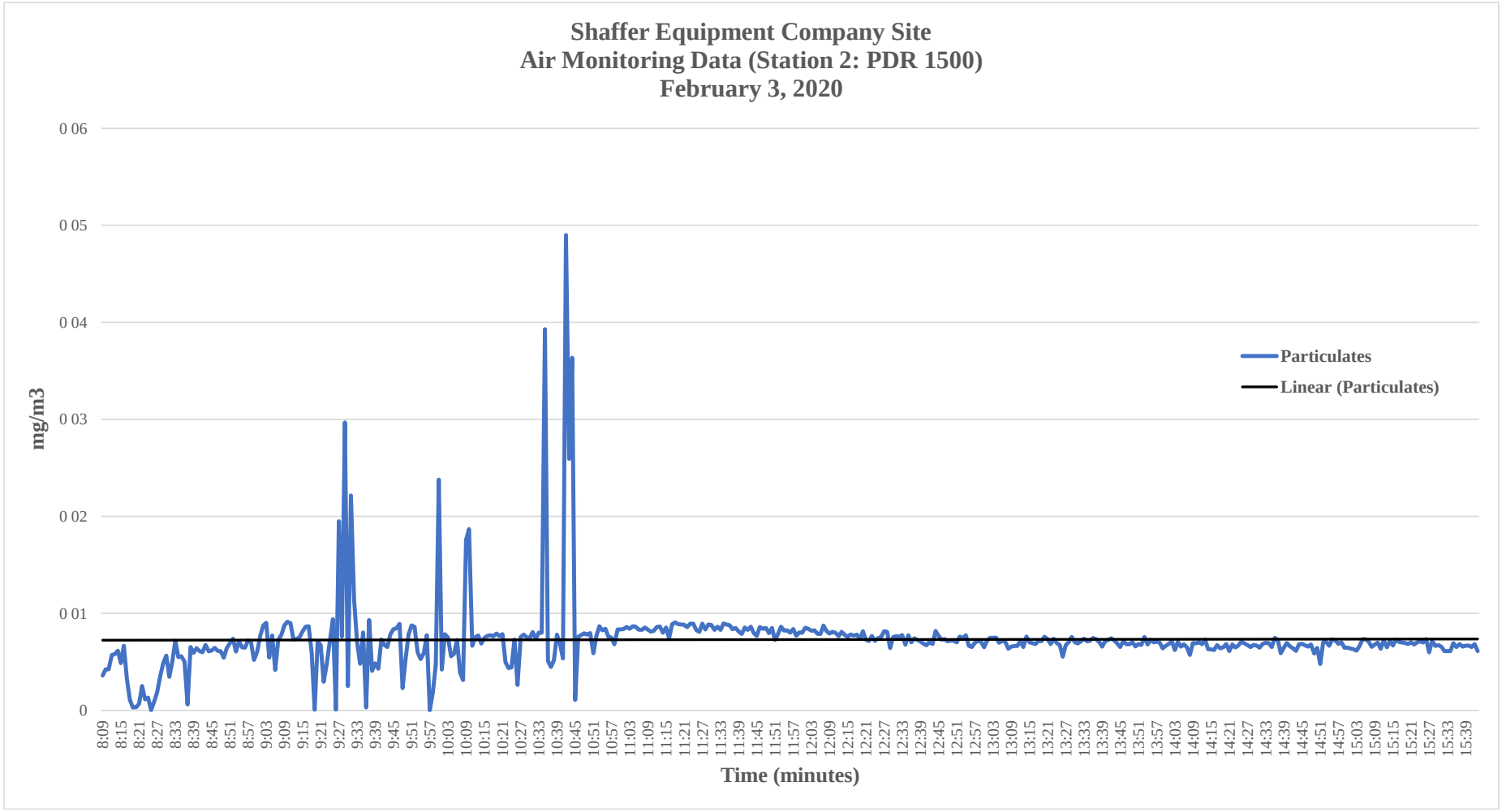
15:22
15:29
15:36
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 2: PDR 1500)
February 3, 2020
0 06
0 05
0 04
0 03
0 02
0 01
0
mg/m3
Particulates
Linear (Particulates)
8:09
8:15
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14:45
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15:03
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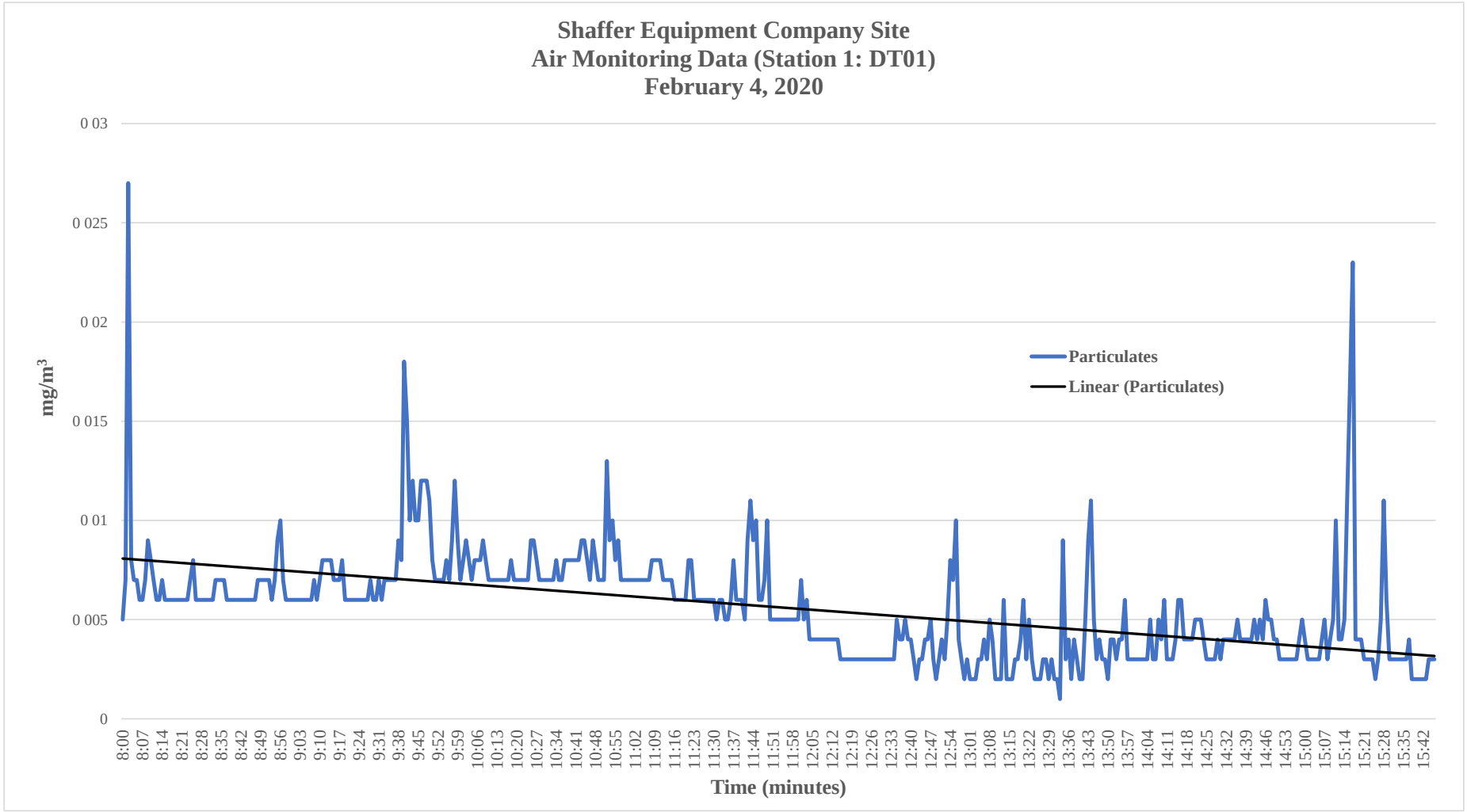
15:21
15:27
15:33
15:39
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
February 4, 2020
0 03
0 025
0 02
0 015
0 01
0 005
0
mg/m3
Particulates
Linear (Particulates)
8:00
8:07
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8:35
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13:01
13:08
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13:29
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14:39
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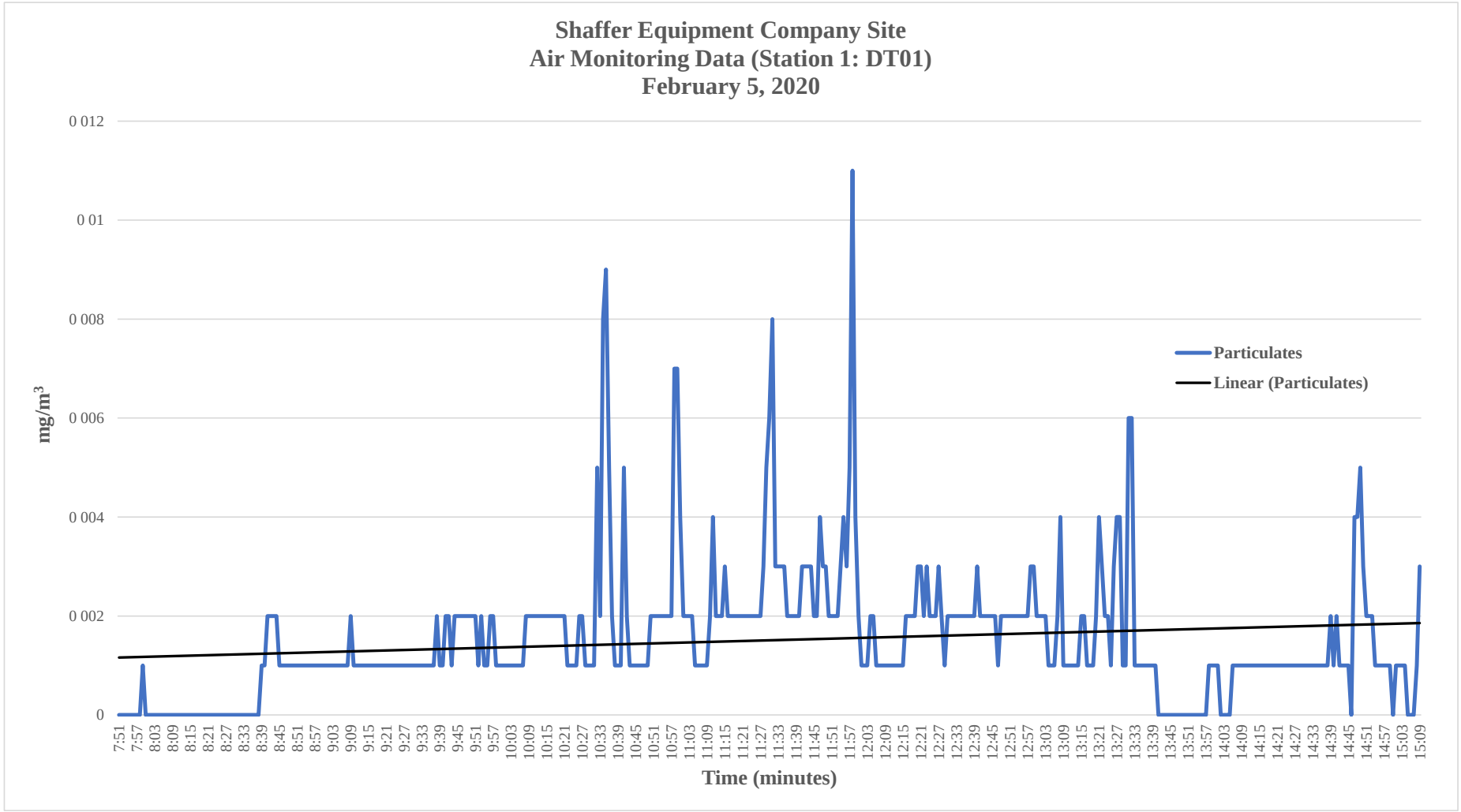
14:53
15:00
15:07
15:14
15:21
15:28
15:35
15:42
Time (minutes)


Shaffer Equipment Company Site
Air Monitoring Data (Station 1: DT01)
February 5, 2020
0 012
0 01
0 008
0 006
0 004
0 002
0
mg/m3
Particulates
Linear (Particulates)
7:51
7:57
8:03
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8:45
8:51
8:57
9:03
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14:03
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14:21
14:27
14:33
14:39
14:45
14:51
14:57
15:03
15:09
Time (minutes)

APPENDIX C

SUBPART O VERIFICATION SAMPLING OF SELF-IMPLEMENTING CLEANUP

Subpart O
Verification Sampling of Self-Implementing Cleanup
(§§761.280 -761.298)

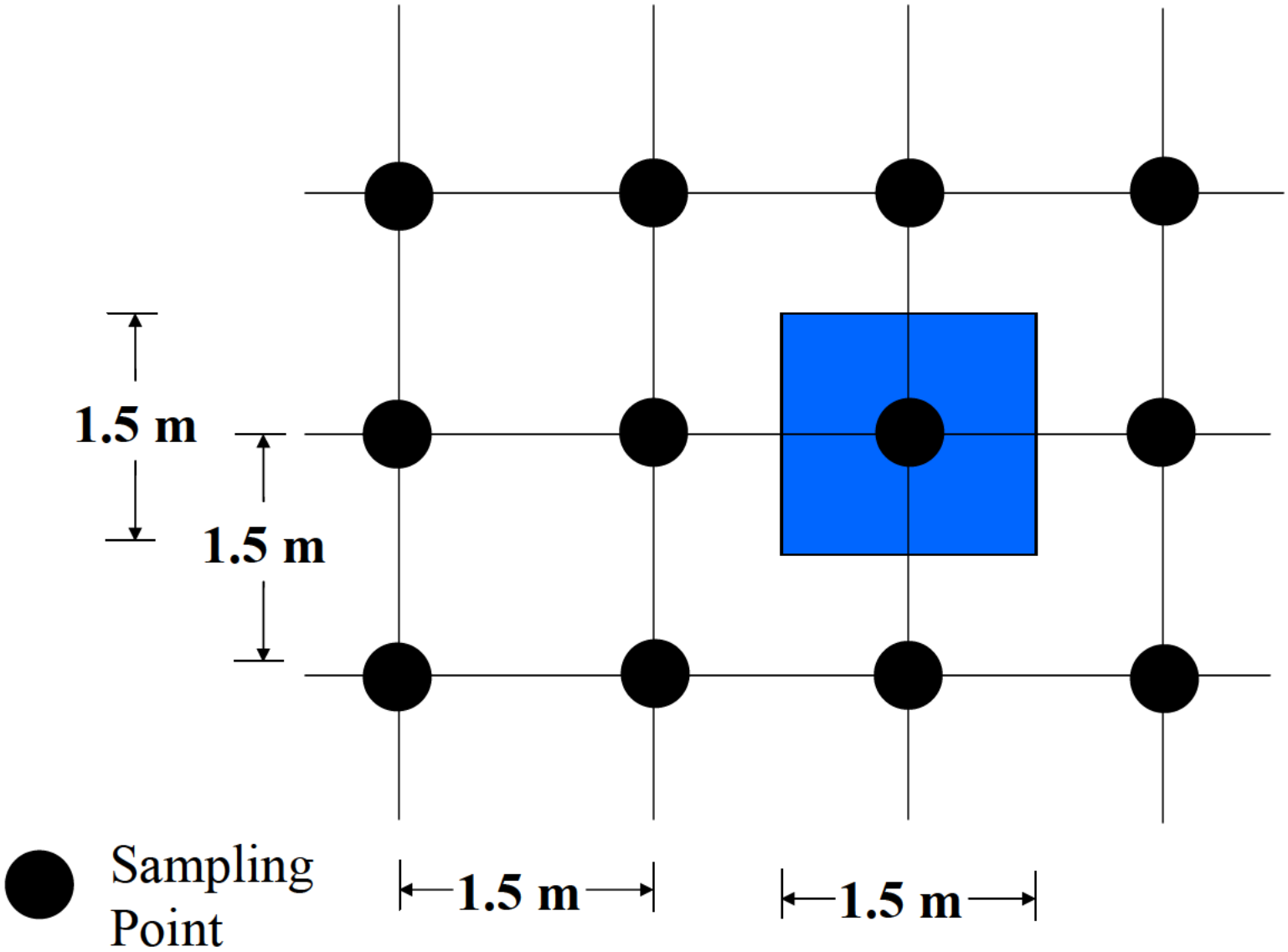
1. Overlay grid oriented on Magnetic N/S/E/W

2. Mark Sampling Points

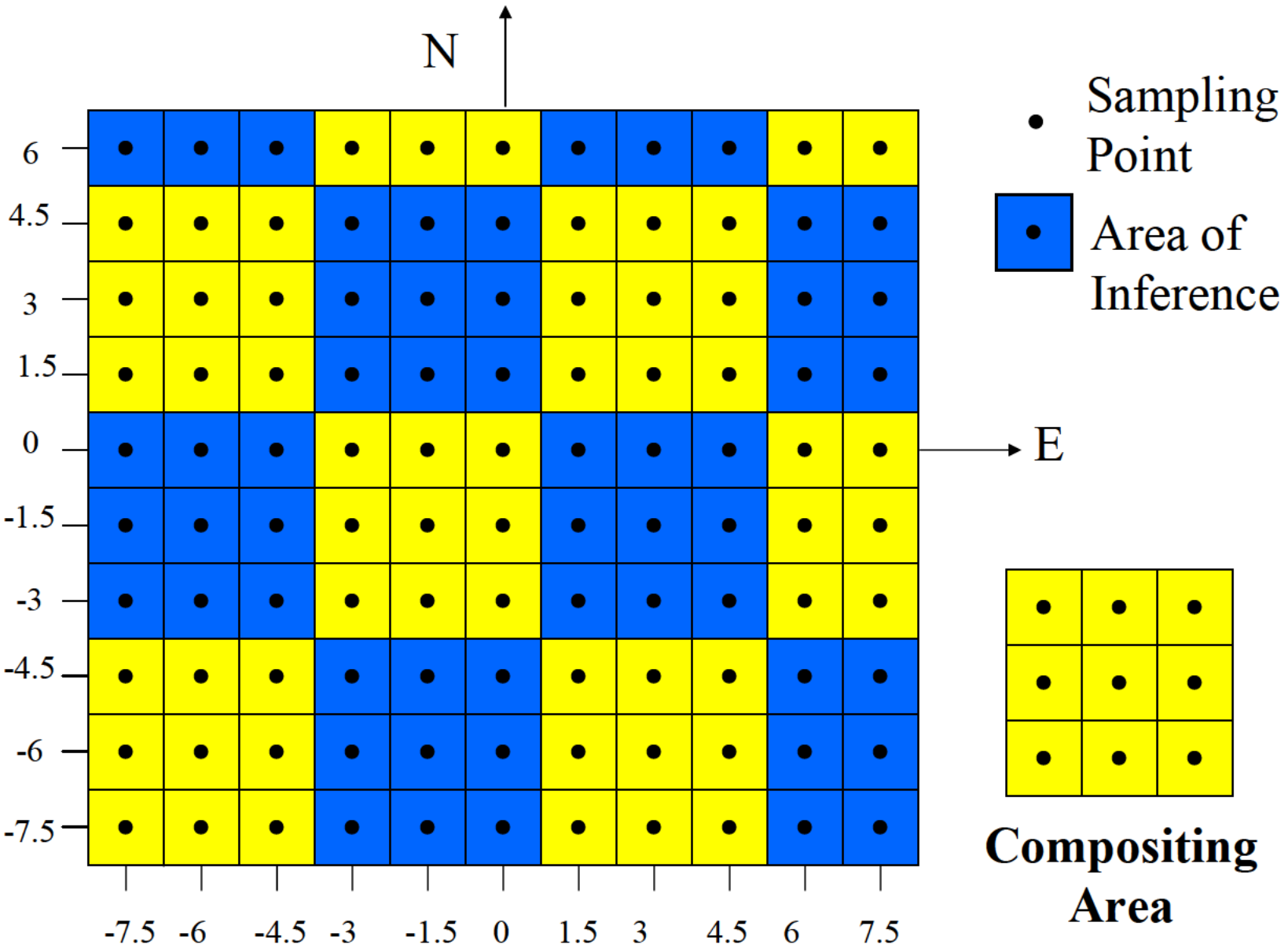
3. Collect Samples

4. Composite Samples

Area of Inference Around Sampling Point



Compositing Areas: Non-point Source



Codified 63 FR 35466

APPENDIX D

ANALYTICAL DATA PACKAGES

SERAS Mobile Lab Results Table
Site Name: Shaffer Equipment.
Site WA#: 346
Date: 11/13/19
Results Reported in mg/Kg based on dry weight

Sample ID	PERCENT	AR 1260		AR 1016		AR 1221		AR 1232		AR 1242		AR 1248		AR 1254		AR 1262		AR 1268	
	SOLIDS	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
SB111319	100	U	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SE-EOC-V-08	63	0.201 J	0.397	U	0.397	U	0.794	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397
SE-EOC-V-09	42	0.726	0.595	U	0.595	U	1.190	U	0.595	U	0.595	U	0.595	U	0.595	U	0.595	U	0.595
SE-EOC-V-10	49	0.168 J	0.510	U	0.510	U	1.020	U	0.510	U	0.510	U	0.510	U	0.510	U	0.510	U	0.510
SE-EOC-V-11	59	0.116 J	0.424	U	0.424	U	0.847	U	0.424	U	0.424	U	0.424	U	0.424	U	0.424	U	0.424
SE-EOC-V-07	63	0.740	0.397	U	0.397	U	0.794	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397

J - Estimated value below RL

Table 1.x Results of the Field Analysis for PCBs in Soil
WA# 0-0346 ShAffer Equipments Site, Minden
Based on Dry Weight

Method SERAS SOP# 1709

SERAS Sample Number	SBLK 110519		SPE 110519		SE-CAP-V-01		SE-CAP-V-02	
Sample Number	SBLK 110519		SPE 110519		SE-CAP-V-01		SE-CAP-V-02	
Sample Location					-			
Percent Solids	100		100		71		66	
	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Analyte								
PCB-1016 (Aroclor 1016)	U	0.250	U	2.50	U	0.352	U	0.379
PCB-1221 (Aroclor 1221)	U	0.500	U	5.00	U	0.704	U	0.758
PCB-1232 (Aroclor 1232)	U	0.250	U	2.50	U	0.352	U	0.379
PCB-1242 (Aroclor 1242)	U	0.250	U	2.50	U	0.352	U	0.379
PCB-1248 (Aroclor 1248)	U	0.250	U	2.50	0.787	0.352	0.461	0.379
PCB-1254 (Aroclor 1254)	U	0.250	U	2.50	U	0.352	U	0.379
PCB-1260 (Aroclor 1260)	U	0.250	9.3	2.50	1.7	0.352	2.1	0.379
PCB-1262 (Aroclor 1262)	U	0.250	U	2.50	U	0.352	U	0.379
PCB-1268 (Aroclor 1268)	U	0.250	U	2.50	U	0.352	U	0.379

Method SERAS SOP# 1709

SERAS Sample Number	SE-CAP-V-03	SE-CAP-V-04	SE-CAP-V-05	SE-CAP-V-DUP
Sample Number	SE-CAP-V-03	SE-CAP-V-04	SE-CAP-V-05	SE-CAP-V-DUP
Sample Location		-		

Table 1.x Results of the Field Analysis for PCBs in Soil
WA# 0-0346 ShAffer Equipments Site, Minden
Based on Dry Weight

Method SERAS SOP# 1709

SERAS Sample Number	SBLK 110719		SE-EOC-V-01		SE-EOC-V-02		SE-EOC-V-03	
Sample Number	SBLK 110719		SE-EOC-V-01		SE-EOC-V-02		SE-EOC-V-03	
Sample Location					-			
Percent Solids	100		63		77		66	76
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
PCB-1016 (Aroclor 1016)	U	0.250	U	0.397	U	0.325	U	0.329
PCB-1221 (Aroclor 1221)	U	0.500	U	0.794	U	0.649	U	0.658
PCB-1232 (Aroclor 1232)	U	0.250	U	0.397	U	0.325	U	0.329
PCB-1242 (Aroclor 1242)	U	0.250	U	0.397	U	0.325	U	0.329
PCB-1248 (Aroclor 1248)	U	0.250	U	0.397	*0.388*	0.325	10.1	6.490
PCB-1254 (Aroclor 1254)	U	0.250	U	0.397	U	0.325	U	0.329
PCB-1260 (Aroclor 1260)	U	0.250	1.51	0.397	37.7	6.490	21.6	6.490
PCB-1262 (Aroclor 1262)	U	0.250	U	0.397	U	0.325	U	0.329
PCB-1268 (Aroclor 1268)	U	0.250	U	0.397	U	0.325	U	0.329

Table 1.x Results of the Field Analysis for PCBs in Soil
WA# 0-0346 ShAffer Equipments Site, Minden
Based on Dry Weight

Method SERAS SOP# 1709

Table 1 x Results of the Field Analysis for PCBs in Soil
WA# 0-0346 Shaffer Equipments Site, Minden
Based on Dry Weight

Method SERAS SOP# 1709

SERAS Sample Number	SBLK 110919		SE-RDB-V-03		SE-RDL-V-01		SE-RDR-V-02		SE-CLS-V-01	
Sample Number	SBLK 110919		SE-RDB-V-03		SE-RDL-V-01		SE-RDR-V-02		SE-CLS-V-01	
Percent Solids	100		84		80		74		62	
	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
Analyte										
PCB-1016 (Aroclor 1016)	U	0.250	U	0.298	U	0.313	U	0.338	U	0.403
PCB-1221 (Aroclor 1221)	U	0.500	U	0.595	U	0.625	U	0.676	U	0.806
PCB-1232 (Aroclor 1232)	U	0.250	U	0.298	U	0.313	U	0.338	U	0.403
PCB-1242 (Aroclor 1242)	U	0.250	U	0.298	U	0.313	U	0.338	U	0.403
PCB-1248 (Aroclor 1248)	U	0.250	U	0.298	0.775	0.313	16.5	6.757	U	0.403
PCB-1254 (Aroclor 1254)	U	0.250	U	0.298	U	0.313	U	0.338	U	0.403
PCB-1260 (Aroclor 1260)	U	0.250	0.476	0.298	5.24	0.313	16.7	6.757	0.411	0.403
PCB-1262 (Aroclor 1262)	U	0.250	U	0.298	U	0.313	U	0.338	U	0.403
PCB-1268 (Aroclor 1268)	U	0.250	U	0.298	U	0.313	U	0.338	U	0.403

Table 1.x Results of the Field Analysis for PCBs in Soil
WA# 0-0346 Shaffer Equipments Site, Minden
Based on Dry Weight

Method SERAS SOP# 1709

SERAS Sample Number	SB-338-4-6		SB-338-6-8		SB-339-.5-2		SB-339-2-4	
Sample Number	SB-338-4-6		SB-338-6-8		SB-339-.5-2		SB-339-2-4	
Sample Location					-			
Percent Solids	86		83		89		91	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
PCB-1016 (Aroclor 1016)	U	0.291	U	0.301	U	0.281	U	0.275
PCB-1221 (Aroclor 1221)	U	0.581	U	0.602	U	0.562	U	0.549
PCB-1232 (Aroclor 1232)	U	0.291	U	0.301	U	0.281	U	0.275
PCB-1242 (Aroclor 1242)	U	0.291	U	0.301	U	0.281	U	0.275
PCB-1248 (Aroclor 1248)	U	0.291	U	0.301	U	0.281	U	0.275
PCB-1254 (Aroclor 1254)	U	0.291	U	0.301	U	0.281	U	0.275
PCB-1260 (Aroclor 1260)	U	0.291	U	0.301	U	0.281	U	0.275
PCB-1262 (Aroclor 1262)	U	0.291	U	0.301	U	0.281	U	0.275
PCB-1268 (Aroclor 1268)	U	0.291	U	0.301	U	0.281	U	0.275

Method SERAS SOP# 1709

SERAS Sample Number	SB-340-0-.5	SB-340-4-6	SB-342-.5-2	SB-342-2-4
Sample Number	SB-340-0-.5	SB-340-4-6	SB-342-.5-2	SB-342-2-4

Table 1.x Results of the Field Analysis for PCBs in Soil
WA# 0-0346 Shaffer Equipments Site, Minden
Based on Dry Weight

Method SERAS SOP# 1709

SERAS Sample Number	SB-342-6-8		SB-343-.5-2		SB-343-2-4		SB-344-.2-4	
Sample Number	SB-342-6-8		SB-343-.5-2		SB-343-2-4		SB-344-.2-4	
Sample Location					-			
Percent Solids	92		82		84		73	
Analyte	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg	Result mg/kg	RL mg/kg
PCB-1016 (Aroclor 1016)	U	0.272	U	0.305	U	0.298	U	0.342
PCB-1221 (Aroclor 1221)	U	0.543	U	0.610	U	0.595	U	0.685
PCB-1232 (Aroclor 1232)	U	0.272	U	0.305	U	0.298	U	0.342
PCB-1242 (Aroclor 1242)	U	0.272	U	0.305	U	0.298	U	0.342
PCB-1248 (Aroclor 1248)	U	0.272	U	0.305	U	0.298	U	0.342
PCB-1254 (Aroclor 1254)	U	0.272	U	0.305	U	0.298	U	0.342
PCB-1260 (Aroclor 1260)	U	0.272	0.187 J	0.305	U	0.298	0.125 J	0.342
PCB-1262 (Aroclor 1262)	U	0.272	U	0.305	U	0.298	U	0.342
PCB-1268 (Aroclor 1268)	U	0.272	U	0.305	U	0.298	U	0.342

SERAS Sample Number	SB-344-.5-2	SPE 110919
Sample Number	SB-344-.5-2	SPE 110919

SERAS Mobile Lab Results Table
Site Name: Shaffer Equipment.
Site WA#: 346
Date: 11/16/19
Results Reported in mg/Kg based on dry weight

Sample ID	PERCENT	AR 1260		AR 1016		AR 1221		AR 1232		AR 1242		AR 1248		AR 1254		AR 1262		AR 1268	
	SOLIDS	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
SB111719	100	U	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SE-CAP-V-06	85	3.56	0.294	U	0.294	U	0.588	U	0.294	U	0.294	U	0.294	3.53	0.294	U	0.294	U	0.294

SERAS Mobile Lab Results Table
Site Name: Shaffer Equipment.
Site WA#: 346
Date: 11/18/19
Results Reported in mg/Kg based on dry weight

Sample ID	PERCENT	AR 1260		AR 1016		AR 1221		AR 1232		AR 1242		AR 1248		AR 1254		AR 1262		AR 1268	
	SOLIDS	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
SB111719	100	U	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SPE111719	100	U	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SE-CAP-V-06	85	3.56	0.294	U	0.294	U	0.588	U	0.294	U	0.294	0.598	0.294	3.53	0.294	U	0.294	U	0.294
SB111819	100	U	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SPE111819	100	9.72	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SE-EX-Q2L1-06	66	3.97	0.379	U	0.379	U	0.758	U	0.379	U	0.379	U	0.379	U	0.379	U	0.379	U	0.379
SE-EX-Q1L1-06	74	14.1	0.338	U	0.338	U	0.676	U	0.338	U	0.338	0.455	0.338	U	0.338	U	0.338	U	0.338

SERAS Mobile Lab Results Table
Site Name: Shaffer Equipment.
Site WA#: 346
Date: 11/19/19
Results Reported in mg/Kg based on dry weight

Sample ID	PERCENT SOLIDS	AR 1260		AR 1016		AR 1221		AR 1232		AR 1242		AR 1248		AR 1254		AR 1262		AR 1268	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
SB111919	100	U	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SPE111919	100	8.72	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SE-EX-Q10L1-24	82	U	0.305	U	0.305	U	0.610	U	0.305	U	0.305	U	0.305	U	0.305	U	0.305	U	0.305
SE-EX-Q12L1-24	80	10.4	3.13	U	0.313	U	0.625	U	0.313	2.04 J	3.13	U	0.313	U	0.313	U	0.313	U	0.313
SE-EX-Q13L1-24	81	U	0.309	U	0.309	U	0.617	U	0.309	U	0.309	U	0.309	U	0.309	U	0.309	U	0.309
SE-EX-Q14L1-24	80	U	0.313	U	0.313	U	0.625	U	0.313	U	0.313	U	0.313	U	0.313	U	0.313	U	0.313
SE-EX-Q16L1-24	82	3.07	0.305	U	0.305	U	0.610	U	0.305	1.15	0.305	U	0.305	U	0.305	U	0.305	U	0.305
SE-EX-Q17L1-24	83	0.752	0.301	U	0.301	U	0.602	U	0.301	0.155 J	0.301	U	0.301	U	0.301	U	0.301	U	0.301
SE-EX-Q4L1-24	84	5.85	0.298	U	0.298	U	0.595	U	0.298	0.711	0.298	U	0.298	U	0.298	U	0.298	U	0.298
SE-EX-Q5L1-24	85	U	0.294	U	0.294	U	0.588	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294
SE-EX-Q6L1-24	82	U	0.305	U	0.305	U	0.610	U	0.305	U	0.305	U	0.305	U	0.305	U	0.305	U	0.305
SE-EX-Q8L1-24	81	0.980	0.309	U	0.309	U	0.617	U	0.309	0.183 J	0.309	U	0.309	U	0.309	U	0.309	U	0.309
SE-EX-Q9L1-24	82	U	0.305	U	0.305	U	0.610	U	0.305	U	0.305	U	0.305	U	0.305	U	0.305	U	0.305

SERAS Mobile Lab Results Table
Site Name: Shaffer Equipment.
Site WA#: 346
Date: 11/20/19
Results Reported in mg/Kg based on dry weight

Sample ID	PERCENT	AR 1260		AR 1016		AR 1221		AR 1232		AR 1242		AR 1248		AR 1254		AR 1262		AR 1268	
	SOLIDS	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
SB112019	100	U	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SE-EX-Q11L1-24	80	25.8	15.6	U	0.313	U	0.625	U	0.313	5.65	3.13	U	0.313	U	0.313	U	0.313	U	0.313
SE-EX-Q15L1-24	82	3.86	0.305	U	0.305	U	0.610	U	0.305	2.29	1.52	U	0.305	U	0.305	U	0.305	U	0.305
SE-EX-Q15L1-24-D	82	5.79	0.305	U	0.305	U	0.610	U	0.305	2.08	1.52	U	0.305	U	0.305	U	0.305	U	0.305
SE-EX-Q18L1-24	81	11.8	6.17	U	0.309	U	0.617	U	0.309	4.59	3.13	U	0.309	U	0.309	U	0.309	U	0.309
SE-EX-Q3L1-24	83	48.0	30.1	U	0.301	U	0.602	U	0.301	12.9	6.02	U	0.301	U	0.301	U	0.301	U	0.301
SE-EX-Q7L1-24	81	30.6	15.4	U	0.309	U	0.617	U	0.309	18.9	6.17	U	0.309	U	0.309	U	0.309	U	0.309

SERAS Mobile Lab Results Table
Site Name: Shaffer Equipment.
Site WA#: 346
Date: 12/05/19
Results Reported in mg/Kg based on dry weight

Sample ID	PERCENT	AR 1260		AR 1016		AR 1221		AR 1232		AR 1242		AR 1248		AR 1254		AR 1262		AR 1268	
	SOLIDS	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
SB120519	100	U	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SE-EX-Q11L2-36	78	4.14	0.321	U	0.321	U	0.641	U	0.321	10.5	8.01	U	0.321	U	0.321	U	0.321	U	0.321
SE-EX-Q11L2-36-D	77	1.15	0.325	U	0.325	U	0.649	U	0.325	0.712	0.325	U	0.325	U	0.325	U	0.325	U	0.325
SE-EX-Q3L2-36	78	5.53	0.321	U	0.321	U	0.641	U	0.321	6.73	3.21	U	0.321	U	0.321	U	0.321	U	0.321
SE-EX-Q7L2-36	75	34.3	8.33	U	0.333	U	0.667	U	0.333	43.4	16.7	U	0.333	U	0.333	U	0.333	U	0.333

SERAS Mobile Lab Results Table
Site Name: Shaffer Equipment.
Site WA#: 346
Date: 12/07/19
Results Reported in mg/Kg based on dry weight

Sample ID	PERCENT SOLIDS	AR 1260		AR 1016		AR 1221		AR 1232		AR 1242		AR 1248		AR 1254		AR 1262		AR 1268	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
SB120719	100	U	0.250	U	0.250	U	0.500	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250
SE-EX-Q2L2-18	78	0.323	0.321	U	0.321	U	0.641	U	0.321	0.313 J	0.321	U	0.321	U	0.321	U	0.321	U	0.321
SE-EX-Q7L3-60	82	U	0.305	U	0.305	U	0.610	U	0.305	5.51	3.050	3.09	3.050	U	0.305	U	0.305	U	0.305
SE-EX-Q1L2-18	80	3.29	0.313	U	0.313	U	0.625	U	0.313	U	0.313	U	0.313	U	0.313	U	0.313	U	0.313

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: 2/18/2020

SUBJECT: Region III Data QA Review

FROM: Eric Graybill
Region III ESAT RPO (3LS20)

TO: JESSICA DUFFY
Hazardous Site Cleanup Division (HSCD)

Attached is the data validation report for the SHAFFER EQUIPMENT CO. site for DAS# R35679; SDG# C0AM2 completed by the Region III Environmental Services Assistance Team (ESAT) contractor, ICF International, under the direction of Region III LSASD.

If you have any questions regarding this review, please call Eric Graybill at (410)-305-2665.

Attachment

cc: [redacted]

TO: #0002 TDF: #1219028

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Customer Service Hotline: 1-800-438-2474

ICF
ESAT Region 3
US Environmental Protection Agency Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Phone 410-305-3012

Date: February 5, 2020

To: ESAT Region 3 Project Officer

From: [redacted]
Validator

[redacted]
Reviewer

Subject: Organic Data Validation (S4VM)
Shaffer Equipment Co.
R35679 C0AM2

Overview

This data package consisted of two (2) soil samples analyzed for Aroclors.

Analyses were performed by Eurofins Test America, Burlington (TALBUR) according to Contract Laboratory Program (CLP) Statement of Work (SOW) SOM02.4.

Data were validated according to the National Functional Guidelines for Organic Superfund Methods Data Review and applicable USEPA Region 3 modifications. The validation report has been assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual).

The following validation narrative is an evaluation of laboratory reported data based on the electronic data package received by Region 3 on December 05, 2019.

Summary

No significant data quality outliers or technical deficiencies were identified that required rejection of sample results. Less significant data quality outliers resulting in estimation of sample results were identified including, but not limited to, Aroclor identification and surrogate recovery as detailed below.

Minor Problems

The laboratory noted samples C0AM2 and C0AM3 appears to contain Aroclors that did not closely match any Aroclor standards used for instrument calibration due to weathering or other environmental processes. The laboratory reported these Aroclors in each sample as Aroclor 1260. Based on professional judgement, due to uncertainty associated with sample results, detected concentrations of Aroclors in these samples are estimated and have been qualified "NJ".

Percent recovery for surrogate decachlorobiphenyl (DCB) were outside the upper control limits for sample C0AM3 on both columns. Detected concentration for Aroclor 1260 in this sample is estimated and has been qualified "J". Non-detects are not qualified based on this outlier.

Notes

Samples with detected concentrations for Aroclors less than Contract Required Quantitation Limits (CRQLs) are estimated and have been qualified "J".

The method blank was free of contamination.

Aroclors with percent difference (%D) greater than twenty-five percent (>25%) between the two (2) analytical columns were qualified "J". The lower of the two (2) column results is reported.

Percent recoveries for Aroclors in the Laboratory Control Sample (LCS) analyses were within control limits on both columns. No data were qualified based on LCS precision.

Accuracy and precision criteria were met by the laboratory in the initial and continuing calibration verification standard analyses associated with the samples in the Aroclors fraction.

Aroclor 1260 exceeded the calibration range in the initial analysis of sample C0AM2. This sample was reanalyzed at a three-fold (3x) dilution to bring the concentration of this Aroclor within the calibration range. The result for Aroclor 1260 in this sample is reported from the diluted analysis. There is no indication that these exceedance issues impacted the subsequent sample analysis.

Percent recovery for surrogate decachlorobiphenyl (DCB) was outside the upper control limit for the dilute analysis of sample C0AM2 on one column. The surrogate recovery requirements do not apply to a sample that has been diluted. No data were qualified based on this finding.

All samples underwent sulfuric acid cleanup. During this process the extracts became very viscous and were not easily separated. Extracts were centrifuged for 5 minutes and acid cleaned again, resulting in a similar viscous mixture. No data were qualified based on these findings.

Sample calculation checks were performed on sample C0AM2 and C0AM3. All calculated results had Relative Percent Differences (RPDs) less than 5% of the reported results. No sample data were qualified.

Manual integrations were performed and identified by the laboratory. A subset of these was evaluated and found to be accurate and consistent. No action was taken based on manual integrations.

Glossary of Organic Data Qualifier Codes

Validation Qualifiers	In order of descending precedence. Only one of these qualifiers may apply to any result.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.

Additional Qualifiers	Additional qualifiers may be combined with other qualifiers.
N	The analyte has been “tentatively identified” or “presumptively” as present.
B	The result is presumed a blank contaminant. This qualifier is used for drinking water samples only.
C	The target Pesticide or Aroclor analyte identification has been confirmed by Gas Chromatography/Mass Spectrometry (GC/MS). This qualifier may be added to other qualifiers.
X	The target Pesticide or Aroclor analyte identification was not confirmed when GC/MS analysis was performed. This qualifier may be added to other qualifiers.

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51648-1
SDG No.: C0AM2
Client Sample ID: C0AM2 Lab Sample ID: 200-51648-1
Matrix: Solid Lab File ID: 38999-03.D
Analysis Method: ARO Date Collected: 11/12/2019 10:43
Extraction Method: SONC Date Extracted: 11/25/2019 13:00
Sample wt/vol: 30.18(g) Date Analyzed: 11/26/2019 17:35
Con. Extract Vol.: 10000(uL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)
% Moisture: 57.3 GPC Cleanup:(Y/N) N
Analysis Batch No.: 150211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	77	U	77	8.1
11104-28-2	Aroclor-1221	77	U	77	12
11141-16-5	Aroclor-1232	77	U	77	7.7
53469-21-9	Aroclor-1242	77	U	77	6.5
12672-29-6	Aroclor-1248	77	U	77	7.7
11097-69-1	Aroclor-1254	77	U	77	6.1
~~11096-82-5~~	~~Aroclor-1260~~	~~880~~	~~E~~	~~77~~	~~8.8~~
37324-23-5	Aroclor-1262	77	U	77	5.1
11100-14-4	Aroclor-1268	77	U	77	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		30-150
2051-24-3	Decachlorobiphenyl	132		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51648-1

SDG No.: C0AM2

Client Sample ID: C0AM2 DL Lab Sample ID: 200-51648-1 DL

Matrix: Solid Lab File ID: 38999-04.D

Analysis Method: ARO Date Collected: 11/12/2019 10:43

Extraction Method: SONC Date Extracted: 11/25/2019 13:00

Sample wt/vol: 30.18(g) Date Analyzed: 11/26/2019 17:52

Con. Extract Vol.: 10000(uL) Dilution Factor: 3

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 57.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	230	U	230	24
11104-28-2	Aroclor-1221	230	U	230	37
11141-16-5	Aroclor-1232	230	U	230	23
53469-21-9	Aroclor-1242	230	U	230	20
12672-29-6	Aroclor-1248	230	U	230	23
11097-69-1	Aroclor-1254	230	U	230	18
11096-82-5	Aroclor-1260	950	~~D~~ ND	230	27
37324-23-5	Aroclor-1262	230	U	230	15
11100-14-4	Aroclor-1268	230	U	230	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	110	D	30-150
2051-24-3	Decachlorobiphenyl	139	D	30-150

DV
2/6/2020

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51648-1

SDG No.: C0AM2

Client Sample ID: C0AM3 Lab Sample ID: 200-51648-2

Matrix: Solid Lab File ID: 38999-05.D

Analysis Method: ARO Date Collected: 11/12/2019 10:46

Extraction Method: SONC Date Extracted: 11/25/2019 13:00

Sample wt/vol: 30.51(g) Date Analyzed: 11/26/2019 18:08

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 48.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150211 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	62	U	62	6.6
11104-28-2	Aroclor-1221	62	U	62	10
11141-16-5	Aroclor-1232	62	U	62	6.2
53469-21-9	Aroclor-1242	62	U	62	5.3
12672-29-6	Aroclor-1248	62	U	62	6.2
11097-69-1	Aroclor-1254	62	U	62	4.9
11096-82-5	Aroclor-1260	170	NJ	62	7.2
37324-23-5	Aroclor-1262	62	U	62	4.2
11100-14-4	Aroclor-1268	62	U	62	4.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	84		30-150
2051-24-3	Decachlorobiphenyl	478	X	30-150

DV
2/6/2020

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: 2/18/2020

SUBJECT: Region III Data QA Review

FROM: Eric Graybill
Region III ESAT RPO (3LS20)

TO: JESSICA DUFFY
Hazardous Site Cleanup Division (HSCD)

Attached is the data validation report for the SHAFFER EQUIPMENT CO. site for DAS# R35679; SDG# C0AL8 completed by the Region III Environmental Services Assistance Team (ESAT) contractor, ICF International, under the direction of Region III LSASD.

If you have any questions regarding this review, please call Eric Graybill at (410)-305-2665.

Attachment

cc: [redacted]

TO: #0002 TDF: #1219029

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Customer Service Hotline: 1-800-438-2474

ICF
ESAT Region 3
US Environmental Protection Agency Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Phone 410-305-3012

Date: February 6, 2020

To: ESAT Region 3 Project Officer

From: [redacted]
Validator

[redacted]
Reviewer

Subject: Organic Data Validation (S4VM)
Shaffer Equipment Co.
R35679 C0AL8

Overview

This data package consisted of four (4) soil samples analyzed for Aroclors. This sample set included a field duplicate sample.

Analyses were performed by Eurofins Test America, Burlington (TALBUR) according to Contract Laboratory Program (CLP) Statement of Work (SOW) SOM02.4.

Data were validated according to the National Functional Guidelines for Organic Superfund Methods Data Review and applicable USEPA Region 3 modifications. The validation report has been assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual).

The following validation narrative is an evaluation of laboratory reported data based on the electronic data package received by Region 3 on December 05, 2019.

Summary

No significant data quality outliers or technical deficiencies were identified that required rejection of sample results.

Notes

Samples with detected concentrations for Aroclors less than Contract Required Quantitation Limits (CRQLs) are estimated and have been qualified "J".

The method blank was free of contamination.

Percent recoveries for Aroclors in the Laboratory Control Sample (LCS) analyses were within control limits on both columns. No data were qualified based on LCS precision.

Accuracy and precision criteria were met by the laboratory in the initial and continuing calibration verification standard analyses associated with the samples in the Aroclors fraction.

The Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis was performed on sample C0AL9 which required a 50x dilution due to the high concentration of Aroclor-1260. The percent recoveries for Aroclors 1016/1260 in the MS/MSD were outside the upper control limits on both columns. Relative Percent Difference (RPD) for Aroclor-1260 were outside the upper on both columns. No data were qualified based on MS accuracy.

The following samples were initially analyzed at a dilution based upon sample screening data. The CRQL in these samples are elevated due the to the dilution factor. No data were qualified based on these findings.

Samples	Dilution factors
C0AL8	2x
C0AL9	5x
C0AM0	5x

Concentrations for the following Aroclors exceeded the calibration range in the initial analysis of the samples below. These samples were reanalyzed at the dilutions listed in order to quantitate these Aroclors within the calibration range. Results for these Aroclors were reported from the dilution by the laboratory. There is no indication that these exceedance issues impacted the subsequent sample analysis.

Samples	Dilution factors	Affected Aroclors
C0AL8	20x	Aroclor-1260
C0AL9	50x	Aroclor-1260
C0AM0	50x	Aroclor-1260
C0AM1	10x	Aroclor-1242, Aroclor-1260

Percent recovery for surrogate decachlorobiphenyl (DCB) was outside the upper control limits for the dilute analyses of samples C0AL9 and C0AM0 on one column. The surrogate recovery requirements do not apply to a sample that has been diluted. No data were qualified based on this finding.

Results reported for field duplicate pair C0AL8/C0AM0 were comparable except Aroclor-1260. No data were qualified based on field duplicate precision.

Sample calculation checks were performed on all field samples. All calculated results had Relative Percent Differences (RPDs) less than 5% of the reported results. No sample data were qualified.

Manual integrations were performed and identified by the laboratory. A subset of these was evaluated and found to be accurate and consistent. No action was taken based on manual integrations.

Glossary of Organic Data Qualifier Codes

Validation Qualifiers	In order of descending precedence. Only one of these qualifiers may apply to any result.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
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U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.

Additional Qualifiers	Additional qualifiers may be combined with other qualifiers.
N	The analyte has been “tentatively identified” or “presumptively” as present.
B	The result is presumed a blank contaminant. This qualifier is used for drinking water samples only.
C	The target Pesticide or Aroclor analyte identification has been confirmed by Gas Chromatography/Mass Spectrometry (GC/MS). This qualifier may be added to other qualifiers.
X	The target Pesticide or Aroclor analyte identification was not confirmed when GC/MS analysis was performed. This qualifier may be added to other qualifiers.

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AL8 Lab Sample ID: 200-51594-1

Matrix: Solid Lab File ID: 38967-72.D

Analysis Method: ARO Date Collected: 11/17/2019 09:18

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 29.82(g) Date Analyzed: 11/26/2019 09:21

Con. Extract Vol.: 10000(uL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 17.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	80	U	80	8.5
11104-28-2	Aroclor-1221	80	U	80	13
11141-16-5	Aroclor-1232	80	U	80	8.0
53469-21-9	Aroclor-1242	80	U	80	6.8
12672-29-6	Aroclor-1248	80	U	80	8.0
11097-69-1	Aroclor-1254	80	U	80	6.3
37324-23-5	Aroclor-1262	80	U	80	5.3
11100-14-4	Aroclor-1268	80	U	80	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		30-150
2051-24-3	Decachlorobiphenyl	91		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AL8 Lab Sample ID: 200-51594-1

Matrix: Solid Lab File ID: 38967-72.D

Analysis Method: ARO Date Collected: 11/17/2019 09:18

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 29.82(g) Date Analyzed: 11/26/2019 09:21

Con. Extract Vol.: 10000(uL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: RTX-CLPII ID: 0.32(mm)

% Moisture: 17.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
~~11096-82-5~~	~~Aroclor-1260~~	*2700*	*E*	*80*	*9.2*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		30-150
2051-24-3	Decachlorobiphenyl	93		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AL8 DL Lab Sample ID: 200-51594-1 DL

Matrix: Solid Lab File ID: 38967-73.D

Analysis Method: ARO Date Collected: 11/17/2019 09:18

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 29.82(g) Date Analyzed: 11/26/2019 09:38

Con. Extract Vol.: 10000(uL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: RTX-CLPII ID: 0.32(mm)

% Moisture: 17.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor-1260	2800	D	800	92

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104	D	30-150
2051-24-3	Decachlorobiphenyl	120	D	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AL9 Lab Sample ID: 200-51594-2

Matrix: Solid Lab File ID: 38967-74.D

Analysis Method: ARO Date Collected: 11/18/2019 11:25

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 30.12(g) Date Analyzed: 11/26/2019 09:55

Con. Extract Vol.: 10000(uL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 25.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	220	U	220	23
11104-28-2	Aroclor-1221	220	U	220	36
11141-16-5	Aroclor-1232	220	U	220	22
53469-21-9	Aroclor-1242	220	U	220	19
12672-29-6	Aroclor-1248	220	U	220	22
11097-69-1	Aroclor-1254	220	U	220	17
37324-23-5	Aroclor-1262	220	U	220	15
11100-14-4	Aroclor-1268	220	U	220	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		30-150
2051-24-3	Decachlorobiphenyl	128		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AL9 Lab Sample ID: 200-51594-2

Matrix: Solid Lab File ID: 38967-74.D

Analysis Method: ARO Date Collected: 11/18/2019 11:25

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 30.12(g) Date Analyzed: 11/26/2019 09:55

Con. Extract Vol.: 10000(uL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: RTX-CLPII ID: 0.32(mm)

% Moisture: 25.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor-1260	12000	E	220	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		30-150
2051-24-3	Decachlorobiphenyl	136		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AL9 DL Lab Sample ID: 200-51594-2 DL

Matrix: Solid Lab File ID: 38967-75.D

Analysis Method: ARO Date Collected: 11/18/2019 11:25

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 30.12(g) Date Analyzed: 11/26/2019 10:11

Con. Extract Vol.: 10000(uL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 25.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	2200	U	2200	230
11104-28-2	Aroclor-1221	2200	U	2200	360
11141-16-5	Aroclor-1232	2200	U	2200	220
53469-21-9	Aroclor-1242	2200	U	2200	190
12672-29-6	Aroclor-1248	2200	U	2200	220
11097-69-1	Aroclor-1254	2200	U	2200	170
11096-82-5	Aroclor-1260	12000	D	2200	250
37324-23-5	Aroclor-1262	2200	U	2200	150
11100-14-4	Aroclor-1268	2200	U	2200	170

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	119	D	30-150
2051-24-3	Decachlorobiphenyl	162	X D	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AM0 Lab Sample ID: 200-51594-3

Matrix: Solid Lab File ID: 38967-78.D

Analysis Method: ARO Date Collected: 11/18/2019 11:25

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 29.19(g) Date Analyzed: 11/26/2019 11:01

Con. Extract Vol.: 10000(uL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 22.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	220	U	220	23
11104-28-2	Aroclor-1221	220	U	220	35
11141-16-5	Aroclor-1232	220	U	220	22
53469-21-9	Aroclor-1242	220	U	220	19
12672-29-6	Aroclor-1248	220	U	220	22
11097-69-1	Aroclor-1254	220	U	220	17
37324-23-5	Aroclor-1262	220	U	220	15
11100-14-4	Aroclor-1268	220	U	220	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		30-150
2051-24-3	Decachlorobiphenyl	138		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AM0 Lab Sample ID: 200-51594-3

Matrix: Solid Lab File ID: 38967-78.D

Analysis Method: ARO Date Collected: 11/18/2019 11:25

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 29.19(g) Date Analyzed: 11/26/2019 11:01

Con. Extract Vol.: 10000(uL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: RTX-CLPII ID: 0.32(mm)

% Moisture: 22.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
~~11096-82-5~~	~~Aroclor 1260~~	~~13000~~	~~E~~	~~220~~	~~25~~

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		30-150
2051-24-3	Decachlorobiphenyl	147		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AM0 DL Lab Sample ID: 200-51594-3 DL

Matrix: Solid Lab File ID: 38967-79.D

Analysis Method: ARO Date Collected: 11/18/2019 11:25

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 29.19(g) Date Analyzed: 11/26/2019 11:18

Con. Extract Vol.: 10000(uL) Dilution Factor: 50

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 22.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
~~12674-11-2~~	~~Aroclor-1016~~	~~2200~~	~~U~~	~~2200~~	~~230~~
~~11104-28-2~~	~~Aroclor-1221~~	~~2200~~	~~U~~	~~2200~~	~~350~~
~~11141-16-5~~	~~Aroclor-1232~~	~~2200~~	~~U~~	~~2200~~	~~220~~
~~53469-21-9~~	~~Aroclor-1242~~	~~2200~~	~~U~~	~~2200~~	~~190~~
~~12672-29-6~~	~~Aroclor-1248~~	~~2200~~	~~U~~	~~2200~~	~~220~~
~~11097-69-1~~	~~Aroclor-1254~~	~~2200~~	~~U~~	~~2200~~	~~170~~
11096-82-5	Aroclor-1260	14000	D	2200	250
~~37324-23-5~~	~~Aroclor-1262~~	~~2200~~	~~U~~	~~2200~~	~~150~~
~~11100-14-4~~	~~Aroclor-1268~~	~~2200~~	~~U~~	~~2200~~	~~170~~

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	147	D	30-150
2051-24-3	Decachlorobiphenyl	177	X D	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AM1 Lab Sample ID: 200-51594-4

Matrix: Solid Lab File ID: 38967-80.D

Analysis Method: ARO Date Collected: 11/19/2019 10:10

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 29.18(g) Date Analyzed: 11/26/2019 11:34

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 17.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	41	U	41	4.4
11104-28-2	Aroclor-1221	41	U	41	6.6
11141-16-5	Aroclor-1232	41	U	41	4.1
~~53469-21-9~~	~~Aroclor-1242~~	~~2300~~	~~E~~	~~41~~	~~3.5~~
12672-29-6	Aroclor-1248	41	U	41	4.1
11097-69-1	Aroclor-1254	41	U	41	3.2
37324-23-5	Aroclor-1262	41	U	41	2.7
11100-14-4	Aroclor-1268	41	U	41	3.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	93		30-150
2051-24-3	Decachlorobiphenyl	87		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AM1 Lab Sample ID: 200-51594-4

Matrix: Solid Lab File ID: 38967-80.D

Analysis Method: ARO Date Collected: 11/19/2019 10:10

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 29.18(g) Date Analyzed: 11/26/2019 11:34

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: RTX-CLPII ID: 0.32(mm)

% Moisture: 17.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor-1260	1800	E	41	4.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		30-150
2051-24-3	Decachlorobiphenyl	96		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51594-1

SDG No.: C0AL8

Client Sample ID: C0AM1 DL Lab Sample ID: 200-51594-4 DL

Matrix: Solid Lab File ID: 38967-81.D

Analysis Method: ARO Date Collected: 11/19/2019 10:10

Extraction Method: SONC Date Extracted: 11/21/2019 14:50

Sample wt/vol: 29.18(g) Date Analyzed: 11/26/2019 11:51

Con. Extract Vol.: 10000(uL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 17.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150136 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	410	U	410	44
11104-28-2	Aroclor-1221	410	U	410	66
11141-16-5	Aroclor-1232	410	U	410	41
53469-21-9	Aroclor-1242	2500	D	410	35
12672-29-6	Aroclor-1248	410	U	410	41
11097-69-1	Aroclor-1254	410	U	410	32
11096-82-5	Aroclor-1260	1800	D	410	47
37324-23-5	Aroclor-1262	410	U	410	27
11100-14-4	Aroclor-1268	410	U	410	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104	D	30-150
2051-24-3	Decachlorobiphenyl	111	D	30-150

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: 5/29/2020

SUBJECT: Region III Data QA Review

FROM: Eric Graybill
Region III ESAT RPO (3LS20)

TO: JESSICA DUFFY
Hazardous Site Cleanup Division (HSCD)

Attached is the data validation report for the SHAFFER EQUIPMENT CO. site for DAS# R35679; SDG# C0AM4 completed by the Region III Environmental Services Assistance Team (ESAT) contractor, ICF International, under the direction of Region III LSASD.

If you have any questions regarding this review, please call Eric Graybill at (410)-305-2665.

Attachment

cc: [redacted]

TO: #0002 TDF: #0120052

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ICF
ESAT Region 3
US Environmental Protection Agency Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Phone 410-305-3012

Date: May 4, 2020

To: ESAT Region 3 Project Officer

From: [redacted]
Validator

[redacted]
Reviewer

Subject: Organic Data Validation (S4VM)
Shaffer Equipment Co.
R35679 C0AM4

Overview

This data package consisted of three (3) soil samples analyzed for Aroclors.

Analyses were performed by Eurofins Test America, Burlington (TALBUR). The samples were submitted to the laboratory directly by the sampling contractor. The laboratory indicated analyses were performed according to Contract Laboratory Program (CLP) Statement of Work (SOW) SOM02.4.

Data were validated according to the National Functional Guidelines for Organic Superfund Methods Data Review and applicable USEPA Region 3 modifications. The validation report has been assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual).

The following validation narrative is an evaluation of laboratory reported data based on the electronic data package received by Region 3 on January 07, 2020.

Summary

No significant data quality outliers or technical deficiencies were identified that required rejection of sample results. Less significant data quality outliers resulting in estimation of sample results were identified including, but not limited to, surrogate recovery as detailed below.

Minor Problem

Percent recovery for surrogate decachlorobiphenyl (DCB) was outside the upper control limit for sample C0AM4 on both columns. Detected concentration for Aroclor 1260 in this sample is estimated and has been qualified “J”. Non-detects are not qualified based on this outlier.

Notes

Samples with detected concentrations for Aroclors less than Contract Required Quantitation Limits (CRQLs) are estimated and have been qualified “J”.

Accuracy and precision criteria were met by the laboratory in the initial and continuing calibration verification standard analyses associated with the samples in the Aroclors fraction.

The method blank was free of contamination.

Aroclors percent differences(%D) were within twenty-five percent (>25%) between the two (2) analytical columns. No data were qualified based on these findings.

Percent recoveries for Aroclors in the Laboratory Control Sample (LCS) analyses were within control limits on both columns. No data were qualified based on LCS precision.

Concentrations of Aroclors that exceeded the calibration range in the initial analysis of the samples listed below. These samples were reanalyzed at dilution in order to quantitate these Aroclors within the calibration range and these Aroclors were reported from the dilutions. There is no indication that these exceedance issues impacted subsequent sample analyses.

Samples	**DF**	**Aroclors**
C0AM5	5x	Aroclor 1242
C0AM6	5x	Aroclor 1242, Aroclor 1620

Sample calculation checks were performed. All calculated results had Relative Percent Differences (RPDs) less than 5% of the reported results. No sample data were qualified.

Manual integrations were performed and identified by the laboratory. A subset of these was evaluated and found to be accurate and consistent. No action was taken based on manual integrations.

Glossary of Organic Data Qualifier Codes

Validation Qualifiers	In order of descending precedence. Only one of these qualifiers may apply to any result.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.

Additional Qualifiers	Additional qualifiers may be combined with other qualifiers.
N	The analyte has been “tentatively identified” or “presumptively” as present.
B	The result is presumed a blank contaminant. This qualifier is used for drinking water samples only.
C	The target Pesticide or Aroclor analyte identification has been confirmed by Gas Chromatography/Mass Spectrometry (GC/MS). This qualifier may be added to other qualifiers.
X	The target Pesticide or Aroclor analyte identification was not confirmed when GC/MS analysis was performed. This qualifier may be added to other qualifiers.

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51805-1

SDG No.: C0AM4

Client Sample ID: C0AM4 Lab Sample ID: 200-51805-1

Matrix: Solid Lab File ID: 39169-11.D

Analysis Method: ARO Date Collected: 12/07/2019 09:45

Extraction Method: SONC Date Extracted: 12/10/2019 10:35

Sample wt/vol: 29.64(g) Date Analyzed: 12/10/2019 17:56

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 21.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150555 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	42	U	42	4.5
11104-28-2	Aroclor-1221	42	U	42	6.8
11141-16-5	Aroclor-1232	42	U	42	4.2
53469-21-9	Aroclor-1242	42	U	42	3.6
12672-29-6	Aroclor-1248	42	U	42	4.2
11097-69-1	Aroclor-1254	42	U	42	3.3
11096-82-5	Aroclor-1260	270	J	42	4.9
37324-23-5	Aroclor-1262	42	U	42	2.8
11100-14-4	Aroclor-1268	42	U	42	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	91		30-150
2051-24-3	Decachlorobiphenyl	306	X	30-150

DV
3/27/2020

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51805-1

SDG No.: C0AM4

Client Sample ID: C0AM5 Lab Sample ID: 200-51805-2

Matrix: Solid Lab File ID: 39169-12.D

Analysis Method: ARO Date Collected: 12/07/2019 09:50

Extraction Method: SONC Date Extracted: 12/10/2019 10:35

Sample wt/vol: 29.52(g) Date Analyzed: 12/10/2019 18:13

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 16.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150555 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	40	U	40	4.3
11104-28-2	Aroclor-1221	40	U	40	6.5
11141-16-5	Aroclor-1232	40	U	40	4.0
~~53469-21-9~~	~~Aroclor-1242~~	~~970~~	~~E~~	~~40~~	~~3.4~~
12672-29-6	Aroclor-1248	40	U	40	4.0
11097-69-1	Aroclor-1254	40	U	40	3.2
11096-82-5	Aroclor-1260	57		40	4.6
37324-23-5	Aroclor-1262	40	U	40	2.7
11100-14-4	Aroclor-1268	40	U	40	3.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	86		30-150
2051-24-3	Decachlorobiphenyl	77		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51805-1

SDG No.: C0AM4

Client Sample ID: C0AM5 DL Lab Sample ID: 200-51805-2 DL

Matrix: Solid Lab File ID: 39169-13.D

Analysis Method: ARO Date Collected: 12/07/2019 09:50

Extraction Method: SONC Date Extracted: 12/10/2019 10:35

Sample wt/vol: 29.52(g) Date Analyzed: 12/10/2019 18:29

Con. Extract Vol.: 10000(uL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 16.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150555 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	200	U	200	21
11104-28-2	Aroclor-1221	200	U	200	32
11141-16-5	Aroclor-1232	200	U	200	20
53469-21-9	Aroclor-1242	1100	D	200	17
12672-29-6	Aroclor-1248	200	U	200	20
11097-69-1	Aroclor-1254	200	U	200	16
11096-82-5	Aroclor-1260	66	J D	200	23
37324-23-5	Aroclor-1262	200	U	200	13
11100-14-4	Aroclor-1268	200	U	200	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99	D	30-150
2051-24-3	Decachlorobiphenyl	94	D	30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51805-1

SDG No.: C0AM4

Client Sample ID: C0AM6 Lab Sample ID: 200-51805-3

Matrix: Solid Lab File ID: 39169-14.D

Analysis Method: ARO Date Collected: 12/05/2019 11:10

Extraction Method: SONC Date Extracted: 12/10/2019 10:35

Sample wt/vol: 30.83(g) Date Analyzed: 12/10/2019 18:46

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 21.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150555 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	41	U	41	4.4
11104-28-2	Aroclor-1221	41	U	41	6.6
11141-16-5	Aroclor-1232	41	U	41	4.1
~~53469-21-9~~	~~Aroclor-1242~~	~~680~~	~~E~~	~~41~~	~~3.5~~
12672-29-6	Aroclor-1248	41	U	41	4.1
11097-69-1	Aroclor-1254	41	U	41	3.2
37324-23-5	Aroclor-1262	41	U	41	2.7
11100-14-4	Aroclor-1268	41	U	41	3.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		30-150
2051-24-3	Decachlorobiphenyl	74		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51805-1

SDG No.: C0AM4

Client Sample ID: C0AM6 Lab Sample ID: 200-51805-3

Matrix: Solid Lab File ID: 39169-14.D

Analysis Method: ARO Date Collected: 12/05/2019 11:10

Extraction Method: SONC Date Extracted: 12/10/2019 10:35

Sample wt/vol: 30.83(g) Date Analyzed: 12/10/2019 18:46

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: RTX-CLPII ID: 0.32(mm)

% Moisture: 21.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150555 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
~~11096-82-5~~	~~Aroclor-1260~~	~~990~~	~~E~~	~~41~~	~~4.7~~

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		30-150
2051-24-3	Decachlorobiphenyl	83		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Burlington Job No.: 200-51805-1

SDG No.: C0AM4

Client Sample ID: C0AM6 DL Lab Sample ID: 200-51805-3 DL

Matrix: Solid Lab File ID: 39169-15.D

Analysis Method: ARO Date Collected: 12/05/2019 11:10

Extraction Method: SONC Date Extracted: 12/10/2019 10:35

Sample wt/vol: 30.83(g) Date Analyzed: 12/10/2019 19:03

Con. Extract Vol.: 10000(uL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: RTX-CLP ID: 0.32(mm)

% Moisture: 21.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 150555 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	210	U	210	22
11104-28-2	Aroclor-1221	210	U	210	33
11141-16-5	Aroclor-1232	210	U	210	21
53469-21-9	Aroclor-1242	890	P	210	17
12672-29-6	Aroclor-1248	210	U	210	21
11097-69-1	Aroclor-1254	210	U	210	16
11096-82-5	Aroclor-1260	1200	D	210	24
37324-23-5	Aroclor-1262	210	U	210	14
11100-14-4	Aroclor-1268	210	U	210	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104	D	30-150
2051-24-3	Decachlorobiphenyl	107	D	30-150

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: 5/29/2020

SUBJECT: Region III Data QA Review

FROM: Eric Graybill
Region III ESAT RPO (3LS20)

TO: JESSICA DUFFY
Hazardous Site Cleanup Division (HSCD)

Attached is the data validation report for the SHAFFER EQUIPMENT CO. site for DAS# R35725; SDG# C0AM7 completed by the Region III Environmental Services Assistance Team (ESAT) contractor, ICF International, under the direction of Region III LSASD.

If you have any questions regarding this review, please call Eric Graybill at (410)-305-2665.

Attachment

cc: [redacted]

TO: #0002 TDF: #0220019

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ICF
ESAT Region 3
US Environmental Protection Agency Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Phone 410-305-3012

Date: May 16, 2020

To: ESAT Region 3 Project Officer

From: [redacted]
Validator

[redacted]
Reviewer

Subject: Organic Data Validation (S4VM)
Shaffer Equipment Co.
R35725 C0AM7

Overview

This data package consisted of two (2) surface water samples analyzed for Aroclors. This sample set included a field duplicate sample.

Analyses were performed by Chemtech Consulting Group (CHM). The samples were submitted to the laboratory directly by the sampling contractor. The laboratory indicated analyses were performed according to Contract Laboratory Program (CLP) Statement of Work (SOW) SOM02.4.

Data were validated according to the National Functional Guidelines for Organic Superfund Methods Data Review and applicable USEPA Region 3 modifications. The validation report has been assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual).

The following validation narrative is an evaluation of laboratory reported data based on the electronic data package received by Region 3 on February 13, 2020.

Summary

No data quality outliers or technical deficiencies were identified that would require rejection or estimation of sample results.

Notes

Samples with detected concentrations for Aroclors less than Contract Required Quantitation Limits (CRQLs) are estimated and have been qualified “J”.

Accuracy and precision criteria were met by the laboratory in the initial and continuing calibration verification standard analyses associated with the samples in the Aroclors fraction.

The method blank was free of contamination.

The percent difference (%D) between the two (2) analytical columns were within twenty-five

percent. No data were qualified based on these findings.

Percent recoveries for Aroclors in the Laboratory Control Sample (LCS) analyses were within control limits on both columns. No data were qualified based on LCS precision.

Percent recoveries for spiked Aroclors in the Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis of sample C0AM7 were within control limit. Relative Percent Differences (RPDs) were within control limits except 1016/1260 on ZB-MR1 and 1016 on ZB-MR2. The parent sample reported a detected concentration of Aroclor 1260 less than the CRQL. No data were qualified based on these findings.

Results reported for field duplicate pair C0AM7/C0AM8 were comparable except Aroclor 1260 exceeded the ±25% RPD criteria. No data were qualified based on field duplicates.

Sample calculation checks were performed on field samples. All calculated results had RPDs less than 5% of the reported results. No sample data were qualified.

No manual integrations were identified by the laboratory.

Glossary of Organic Data Qualifier Codes

Validation Qualifiers	In order of descending precedence. Only one of these qualifiers may apply to any result.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.

Additional Qualifiers	Additional qualifiers may be combined with other qualifiers.
N	The analyte has been “tentatively identified” or “presumptively” as present.
B	The result is presumed a blank contaminant. This qualifier is used for drinking water samples only.
C	The target Pesticide or Aroclor analyte identification has been confirmed by Gas Chromatography/Mass Spectrometry (GC/MS). This qualifier may be added to other qualifiers.
X	The target Pesticide or Aroclor analyte identification was not confirmed when GC/MS analysis was performed. This qualifier may be added to other qualifiers.

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AM7

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AM7
Analytical Method : ARO
Level :
Matrix : Water
Lab Sample ID : L1306-01
Sample wt/vol : 1000 (g/mL) mL
Lab File ID : PR044628.D
% Solids :
Date Received : 01/29/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 01/29/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 01/30/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SEPF
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : 6 Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/L

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	0.51	J
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	0.56	J
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AM8

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AM7
Analytical Method : ARO
Level :
Matrix : Water
Lab Sample ID : L1306-02
Sample wt/vol : 1000 (g/mL) mL
Lab File ID : PR044629.D
% Solids :
Date Received : 01/29/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 01/29/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 01/30/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SEPF
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : 6 Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/L

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	0.43	J
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	0.36	J
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: 5/15/2020

SUBJECT: Region III Data QA Review

FROM: Eric Graybill
Region III ESAT RPO (3LS20)

TO: JESSICA DUFFY
Hazardous Site Cleanup Division (HSCD)

Attached is the data validation report for the SHAFFER EQUIPMENT CO. site for DAS# R35725; SDG# C0AM9 completed by the Region III Environmental Services Assistance Team (ESAT) contractor, ICF International, under the direction of Region III LSASD.

If you have any questions regarding this review, please call Eric Graybill at (410)-305-2665.

Attachment

cc: [redacted]

TO: #0002 TDF: #0320004

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ICF
ESAT Region 3
US Environmental Protection Agency Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Phone 410-305-3012

Date: April 30, 2020

To: ESAT Region 3 Project Officer

From: [redacted]
Validator

[redacted]
Reviewer

Subject: Organic Data Validation (S4VM)
Shaffer Equipment Co.
R35725 C0AM9

Overview

This data package consisted of three (3) soil samples analyzed for Aroclors. This sample set included a field duplicate sample.

Analyses were performed by Chemtech Consulting Group (CHM). The samples were submitted to the laboratory directly by the sampling contractor. The laboratory indicated analyses were performed according to Contract Laboratory Program (CLP) Statement of Work (SOW) SOM02.4.

Data were validated according to the National Functional Guidelines for Organic Superfund Methods Data Review and applicable USEPA Region 3 modifications. The validation report has been assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual).

The following validation narrative is an evaluation of laboratory reported data based on the electronic data package received by Region 3 on February 21, 2020.

Summary

No data quality outliers or technical deficiencies were identified that would require rejection or estimation of sample results.

Notes

Samples with detected concentrations for Aroclors less than Contract Required Quantitation Limits (CRQLs) are estimated and have been qualified "J".

The percent difference (%D) criteria of twenty-five percent (>25%) between the two (2) analytical columns were within range for all field samples. No data were qualified based on this finding.

The method blank was free of contamination.

Percent recoveries for Aroclors in the Laboratory Control Sample (LCS) analyses were within control limits on both columns. No data were qualified based on LCS precision.

Accuracy and precision criteria were met by the laboratory in the initial and continuing calibration verification standard analyses associated with the samples in the Aroclors fraction.

Percent recoveries and Relative Percent Differences (RPDs) for target analytes in Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis of sample C0AM9 were within control limit. No data were qualified based on this finding.

Field duplicate pair C0AN4/C0AN5 were comparable except Aroclor 1242 and Aroclor 1254 . No data were qualified based on field duplicate precision.

Sample calculation checks were performed on samples C0AM9, C0AN4 and C0AN5. All calculated results had Relative Percent Differences (RPDs) less than 5% of the reported results. No sample data were qualified.

No manual integrations were identified.

Validation qualifiers are only applied to field samples."

Glossary of Organic Data Qualifier Codes

Validation Qualifiers	In order of descending precedence. Only one of these qualifiers may apply to any result.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.

Additional Qualifiers	Additional qualifiers may be combined with other qualifiers.
N	The analyte has been “tentatively identified” or “presumptively” as present.
B	The result is presumed a blank contaminant. This qualifier is used for drinking water samples only.
C	The target Pesticide or Aroclor analyte identification has been confirmed by Gas Chromatography/Mass Spectrometry (GC/MS). This qualifier may be added to other qualifiers.
X	The target Pesticide or Aroclor analyte identification was not confirmed when GC/MS analysis was performed. This qualifier may be added to other qualifiers.

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AM9

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AM9
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1395-01
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044651.D
% Solids : 84.7
Date Received : 02/05/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/05/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/05/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	39	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	36	J
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U
37324-23-5	Aroclor-1262	39	U
11100-14-4	Aroclor-1268	39	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AN4

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AM9
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1395-04
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044661.D
% Solids : 81.6
Date Received : 02/05/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/05/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	79	
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	20	J
11096-82-5	Aroclor-1260	40	U
37324-23-5	Aroclor-1262	40	U
11100-14-4	Aroclor-1268	40	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AN5

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AM9
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1395-05
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044662.D
% Solids : 80.7
Date Received : 02/05/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/05/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	24	J
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	5.7	J
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: 5/22/2020

SUBJECT: Region III Data QA Review

FROM: Eric Graybill
Region III ESAT RPO (3LS20)

TO: JESSICA DUFFY
Hazardous Site Cleanup Division (HSCD)

Attached is the data validation report for the SHAFFER EQUIPMENT CO. site for DAS# R35725; SDG# L1413 completed by the Region III Environmental Services Assistance Team (ESAT) contractor, ICF International, under the direction of Region III LSASD.

If you have any questions regarding this review, please call Eric Graybill at (410)-305-2665.

Attachment

cc: [redacted]

TO: #0002 TDF: #0320032

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ICF
ESAT Region 3
US Environmental Protection Agency Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Phone 410-305-3012

Date: May 15, 2020

To: ESAT Region 3 Project Officer

From: [redacted]
Validator

[redacted]
Reviewer

Subject: Organic Data Validation (S4VM)
Shaffer Equipment Co.
R35725 L1413

Overview

This data package consisted of nine (9) soil samples analyzed for Aroclors. This sample set included a field duplicate sample.

Analyses were performed by Chemtech Consulting Group (CHM). The samples were submitted to the laboratory directly by the sampling contractor. The laboratory indicated analyses were performed according to Contract Laboratory Program (CLP) Statement of Work (SOW) SOM02.4.

Data were validated according to the National Functional Guidelines for Organic Superfund Methods Data Review and applicable USEPA Region 3 modifications. The validation report has been assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual).

The following validation narrative is an evaluation of laboratory reported data based on the electronic data package received by Region 3 on February 3, 2020.

Summary

No data quality outliers or technical deficiencies were identified that would require rejection or estimation of sample results.

Notes

Field samples were non-detect for Aroclors.

Accuracy and precision criteria were met by the laboratory in the initial and continuing calibration verification standard analyses associated with the samples in the Aroclors fraction.

The method blank was free of contamination.

Percent recoveries for Aroclors in the Laboratory Control Sample (LCS) analyses were within control limits on both columns. No data were qualified based on LCS precision.

Percent recoveries and Relative Percent Differences (RPDs) for target analytes in Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis of sample SE-EX-W-M-8-10 (C0AN0) were within control limit. No data were qualified based on this finding.

The percent recovery for surrogate decachlorobiphenyl was outside the upper control limit for sample SE-EX-W-M-5-7 (C0AN1). This sample was non-detect for Aroclor. No data were qualified based on this finding.

Field duplicate pair SE-EX-W-G-1-3-D (C0AM9)/SE-EX-W-G-1-3 (C0AN8) were comparable. No data were qualified based on field duplicate.

Sample calculation checks were performed on quality control samples. All calculated results had RPDs less than 5% of the reported results. No sample data were qualified.

Manual integrations were performed and identified by the laboratory. A subset of these was evaluated and found to be accurate and consistent. No action was taken based on manual integrations.

Validation qualifiers are only applied to field samples.

Glossary of Organic Data Qualifier Codes

Validation Qualifiers	In order of descending precedence. Only one of these qualifiers may apply to any result.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.

Additional Qualifiers	Additional qualifiers may be combined with other qualifiers.
N	The analyte has been “tentatively identified” or “presumptively” as present.
B	The result is presumed a blank contaminant. This qualifier is used for drinking water samples only.
C	The target Pesticide or Aroclor analyte identification has been confirmed by Gas Chromatography/Mass Spectrometry (GC/MS). This qualifier may be added to other qualifiers.
X	The target Pesticide or Aroclor analyte identification was not confirmed when GC/MS analysis was performed. This qualifier may be added to other qualifiers.

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-W-4-G-I

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1413
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1413-07
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044671.D
% Solids : 79.1
Date Received : 02/06/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/06/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	42	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U
37324-23-5	Aroclor-1262	42	U
11100-14-4	Aroclor-1268	42	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-W-4-J-K

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1413
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1413-08
Sample wt/vol : 30.0 (g/mL) g
Lab File ID : PR044672.D
% Solids : 75.5
Date Received : 02/06/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/06/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	44	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	44	U
37324-23-5	Aroclor-1262	44	U
11100-14-4	Aroclor-1268	44	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-W-G-1-3

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1413
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1413-11
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044675.D
% Solids : 81.6
Date Received : 02/06/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/06/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U
37324-23-5	Aroclor-1262	40	U
11100-14-4	Aroclor-1268	40	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-W-G-1-3-D

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1413
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1413-01
Sample wt/vol : 30.0 (g/mL) g
Lab File ID : PR044665.D
% Solids : 81.8
Date Received : 02/06/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/06/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U
37324-23-5	Aroclor-1262	40	U
11100-14-4	Aroclor-1268	40	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-W-M-5-7

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1413
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1413-05
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044669.D
% Solids : 77.4
Date Received : 02/06/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/06/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	43	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U
37324-23-5	Aroclor-1262	43	U
11100-14-4	Aroclor-1268	43	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-W-M-8-10

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1413
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1413-02
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044666.D
% Solids : 71.2
Date Received : 02/06/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/06/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	46	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U
37324-23-5	Aroclor-1262	46	U
11100-14-4	Aroclor-1268	46	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-W-O-E-F

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1413
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1413-06
Sample wt/vol : 30.0 (g/mL) g
Lab File ID : PR044670.D
% Solids : 73.8
Date Received : 02/06/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/06/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	45	U
11104-28-2	Aroclor-1221	45	U
11141-16-5	Aroclor-1232	45	U
53469-21-9	Aroclor-1242	45	U
12672-29-6	Aroclor-1248	45	U
11097-69-1	Aroclor-1254	45	U
11096-82-5	Aroclor-1260	45	U
37324-23-5	Aroclor-1262	45	U
11100-14-4	Aroclor-1268	45	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-W-Q13

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1413
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1413-09
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044673.D
% Solids : 77.3
Date Received : 02/06/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/06/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	43	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U
37324-23-5	Aroclor-1262	43	U
11100-14-4	Aroclor-1268	43	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-W-Q14

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1413
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1413-10
Sample wt/vol : 30.0 (g/mL) g
Lab File ID : PR044674.D
% Solids : 71.7
Date Received : 02/06/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/06/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/06/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	46	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U
37324-23-5	Aroclor-1262	46	U
11100-14-4	Aroclor-1268	46	U

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: 5/21/2020

SUBJECT: Region III Data QA Review

FROM: Eric Graybill
Region III ESAT RPO (3LS20)

TO: JESSICA DUFFY
Hazardous Site Cleanup Division (HSCD)

Attached is the data validation report for the SHAFFER EQUIPMENT CO. site for DAS# R35725; SDG# L1436 completed by the Region III Environmental Services Assistance Team (ESAT) contractor, ICF International, under the direction of Region III LSASD.

If you have any questions regarding this review, please call Eric Graybill at (410)-305-2665.

Attachment

cc: [redacted]

TO: #0002 TDF: #0320030

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ICF
ESAT Region 3
US Environmental Protection Agency Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Phone 410-305-3012

Date: May 18, 2020

To: ESAT Region 3 Project Officer

From: [redacted]
Validator

[redacted]
Reviewer

Subject: Organic Data Validation (S4VM)
Shaffer Equipment Co.
R35725 L1436

Overview

This data package consisted of six (6) soil samples analyzed for Aroclors. This sample set included a field duplicate sample.

Analyses were performed by Chemtech Consulting Group (CHM). The samples were submitted to the laboratory directly by the sampling contractor. The laboratory indicated analyses were performed according to Contract Laboratory Program (CLP) Statement of Work (SOW) SOM02.4.

Data were validated according to the National Functional Guidelines for Organic Superfund Methods Data Review and applicable USEPA Region 3 modifications. The validation report has been assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual).

The following validation narrative is an evaluation of laboratory reported data based on the electronic data package received by Region 3 on February 3, 2020.

Summary

No data quality outliers or technical deficiencies were identified that would require rejection or estimation of sample results.

Notes

Detected concentrations for Aroclors less than the Contract Required Quantitation Limits (CRQLs) are estimated and have been qualified “J”.

Accuracy and precision criteria were met by the laboratory in the initial and continuing calibration verification standard analyses associated with the samples in the Aroclors fraction.

The percent difference (%D) between the two (2) analytical columns were within twenty-five percent for samples SE-EX-Q01L3-48 (C0AP8) and SE-EX-Q15L2-36 (C0AP9). No data were qualified based on these findings.

The method blank was free of contamination.

Percent recoveries for Aroclors in the Laboratory Control Sample (LCS) analyses were within control limits on both columns. No data were qualified based on LCS precision.

Percent recoveries and Relative Percent Differences (RPDs) for target analytes in the Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis of sample SE-EX-Q18L2-36 (C0AQ3) were within control limits. No data were qualified based on this finding.

Field duplicate pair SE-EX-Q16L2-36 (C0AQ0)/SE-EX-Q16L2-36-D (C0AQ1) were comparable. No data were qualified based on field duplicate.

Sample calculation checks were performed on samples SE-EX-Q01L3-48 (C0AP8) and SE-EX-Q15L2-36 (C0AP9). All calculated results had RPDs less than 5% of the reported results. No sample data were qualified.

Manual integrations were performed and identified by the laboratory. A subset of these was evaluated and found to be accurate and consistent. No action was taken based on manual integrations.

Glossary of Organic Data Qualifier Codes

Validation Qualifiers	In order of descending precedence. Only one of these qualifiers may apply to any result.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.

Additional Qualifiers	Additional qualifiers may be combined with other qualifiers.
N	The analyte has been “tentatively identified” or “presumptively” as present.
B	The result is presumed a blank contaminant. This qualifier is used for drinking water samples only.
C	The target Pesticide or Aroclor analyte identification has been confirmed by Gas Chromatography/Mass Spectrometry (GC/MS). This qualifier may be added to other qualifiers.
X	The target Pesticide or Aroclor analyte identification was not confirmed when GC/MS analysis was performed. This qualifier may be added to other qualifiers.

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-Q01L3-48

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1436
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1436-08
Sample wt/vol : 30.0 (g/mL) g
Lab File ID : PR044701.D
% Solids : 79.4
Date Received : 02/07/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/07/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/10/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	42	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	5.5	J
37324-23-5	Aroclor-1262	42	U
11100-14-4	Aroclor-1268	42	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-Q11L3-48

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1436
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1436-01
Sample wt/vol : 30.0 (g/mL) g
Lab File ID : PR044694.D
% Solids : 80.3
Date Received : 02/07/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/07/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/10/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-Q15L2-36

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1436
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1436-02
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044695.D
% Solids : 75
Date Received : 02/07/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/07/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/10/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	44	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	11	J
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	10	J
37324-23-5	Aroclor-1262	44	U
11100-14-4	Aroclor-1268	44	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-Q16L2-36

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1436
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1436-03
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044696.D
% Solids : 81.4
Date Received : 02/07/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/07/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/10/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U
37324-23-5	Aroclor-1262	40	U
11100-14-4	Aroclor-1268	40	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-Q16L2-36-D

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1436
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1436-04
Sample wt/vol : 30.0 (g/mL) g
Lab File ID : PR044697.D
% Solids : 79.8
Date Received : 02/07/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/07/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/10/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
SE-EX-Q18L2-36

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: L1436
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1436-05
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044698.D
% Solids : 79.9
Date Received : 02/07/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/07/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/10/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge :(Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

DATE: 5/13/2020

SUBJECT: Region III Data QA Review

FROM: Eric Graybill
Region III ESAT RPO (3LS20)

TO: JESSICA DUFFY
Hazardous Site Cleanup Division (HSCD)

Attached is the data validation report for the SHAFFER EQUIPMENT CO. site for DAS# R35725; SDG# C0AP8 completed by the Region III Environmental Services Assistance Team (ESAT) contractor, ICF International, under the direction of Region III LSASD.

If you have any questions regarding this review, please call Eric Graybill at (410)-305-2665.

Attachment

cc: [redacted]

TO: #0002 TDF: #0320014

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ICF
ESAT Region 3
US Environmental Protection Agency Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Phone 410-305-3012

Date: May 1, 2020

To: ESAT Region 3 Project Officer

From: [redacted]
Validator

[redacted]
Reviewer

Subject: Organic Data Validation (S4VM)
Shaffer Equipment Co.
R35725 C0AP8

Overview

This data package consisted of nine (9) soil samples analyzed for Aroclors. This sample set included a field duplicate sample.

Analyses were performed by Chemtech Consulting Group (CHM). The samples were submitted to the laboratory directly by the sampling contractor. The laboratory indicated analyses were performed according to Contract Laboratory Program (CLP) Statement of Work (SOW) SOM02.4.

Data were validated according to the National Functional Guidelines for Organic Superfund Methods Data Review and applicable USEPA Region 3 modifications. The validation report has been assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual).

The following validation narrative is an evaluation of laboratory reported data based on the electronic data package received by Region 3 on February 25, 2020.

Summary

No data quality outliers or technical deficiencies were identified that would require rejection or estimation of sample results.

Notes

Samples with detected concentrations for Aroclors less than Contract Required Quantitation Limits (CRQLs) are estimated and have been qualified "J".

Accuracy and precision criteria were met by the laboratory in the initial and continuing calibration verification standard analyses associated with the samples in the Aroclors fraction.

The method blank was free of contamination.

Aroclor results with %D >25% but <200% between the two analytical columns have been qualified "J". The lower of the two (2) column results is reported.

Percent recoveries for Aroclors in the Laboratory Control Sample (LCS) analyses were within control limits on both columns. No data were qualified based on LCS precision.

Percent recoveries and Relative Percent Differences (RPDs) for target analytes in Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis of sample C0AR3 were within control limit. No data were qualified based on this finding.

Field duplicate pair C0AQ9/C0AR0 were comparable. No data were qualified based on field duplicate precision.

Sample calculation checks were performed. All calculated results had Relative Percent Differences (RPDs) less than 5% of the reported results. No sample data were qualified.

No manual integrations were identified.

Validation qualifiers are only applied to field samples.

Glossary of Organic Data Qualifier Codes

Validation Qualifiers	In order of descending precedence. Only one of these qualifiers may apply to any result.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.

Additional Qualifiers	Additional qualifiers may be combined with other qualifiers.
N	The analyte has been “tentatively identified” or “presumptively” as present.
B	The result is presumed a blank contaminant. This qualifier is used for drinking water samples only.
C	The target Pesticide or Aroclor analyte identification has been confirmed by Gas Chromatography/Mass Spectrometry (GC/MS). This qualifier may be added to other qualifiers.
X	The target Pesticide or Aroclor analyte identification was not confirmed when GC/MS analysis was performed. This qualifier may be added to other qualifiers.

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AP8

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AP8
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1485-01
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044716.D
% Solids : 84.6
Date Received : 02/11/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/11/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/11/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge : (Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	39	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	6.5	~~JP~~ J
37324-23-5	Aroclor-1262	39	U
11100-14-4	Aroclor-1268	39	U

DV
5/1/2020

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AQ7

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AP8
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1485-02
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044717.D
% Solids : 80.7
Date Received : 02/11/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/11/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/11/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge : (Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L, mg/L, µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AQ8

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AP8
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1485-03
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044720.D
% Solids : 79.1
Date Received : 02/11/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/11/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/11/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge : (Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	42	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U
37324-23-5	Aroclor-1262	42	U
11100-14-4	Aroclor-1268	42	U

FORM 1A-OR

ORGANIC ANALYSIS DATA SHEET

TARGET ANALYTE LIST

EPA SAMPLE NO.

C0AQ9

Lab Name : Chemtech Consulting Group

Contract : EPW14030

Lab Code: CHM Case No.: R35725

MA No. : SDG No.: C0AP8

Analytical Method : ARO

Level :

Matrix : Soil

Lab Sample ID : L1485-04

Sample wt/vol : 30.0 (g/mL) g

Lab File ID : PR044721.D

% Solids : 77.4

Date Received : 02/11/2020

GC Column : ZB-MR1 ID : 0.32 (mm)

Date Extracted : 02/11/2020

GC Column : ZB-MR2 ID : 0.32 (mm)

Date Analyzed : 02/11/2020

Extract Concentrated : (Y / N) Y

Extract Volume : 10000 (µL)

Soil Aliquot (VOA) : (µL)

Extraction Type : SOXH

Heated Purge : (Y/N)

Injection Volume : 1.0 (µL)

Purge Volume : (mL)

pH : Dilution Factor : 1.0

Cleanup Types : Acid

Cleanup Factor : 1.0

Concentration Units (µg/L, mg/L, µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	43	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U
37324-23-5	Aroclor-1262	43	U
11100-14-4	Aroclor-1268	43	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AR0

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AP8
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1485-05
Sample wt/vol : 30.0 (g/mL) g
Lab File ID : PR044722.D
% Solids : 77
Date Received : 02/11/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/11/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/11/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge : (Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	43	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U
37324-23-5	Aroclor-1262	43	U
11100-14-4	Aroclor-1268	43	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AR1

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AP8
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1485-06
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044723.D
% Solids : 85.3
Date Received : 02/11/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/11/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/11/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge : (Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	39	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U
37324-23-5	Aroclor-1262	39	U
11100-14-4	Aroclor-1268	39	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AR2

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AP8
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1485-07
Sample wt/vol : 30.0 (g/mL) g
Lab File ID : PR044724.D
% Solids : 81.5
Date Received : 02/11/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/11/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/11/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge : (Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L, mg/L, µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AR3

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AP8
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1485-08
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044725.D
% Solids : 79.4
Date Received : 02/11/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/11/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/11/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge : (Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L,mg/L,µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.
C0AR4

Lab Name : Chemtech Consulting Group
Contract : EPW14030
Lab Code: CHM Case No.: R35725
MA No. : SDG No.: C0AP8
Analytical Method : ARO
Level :
Matrix : Soil
Lab Sample ID : L1485-11
Sample wt/vol : 30.1 (g/mL) g
Lab File ID : PR044728.D
% Solids : 85.4
Date Received : 02/11/2020
GC Column : ZB-MR1 ID : 0.32 (mm)
Date Extracted : 02/11/2020
GC Column : ZB-MR2 ID : 0.32 (mm)
Date Analyzed : 02/11/2020
Extract Concentrated : (Y / N) Y
Extract Volume : 10000 (µL)
Soil Aliquot (VOA) : (µL)
Extraction Type : SOXH
Heated Purge : (Y/N)
Injection Volume : 1.0 (µL)
Purge Volume : (mL)
pH : Dilution Factor : 1.0
Cleanup Types : Acid
Cleanup Factor : 1.0
Concentration Units (µg/L, mg/L, µg/kg): µg/kg

CAS NO.	ANALYTE	CONCENTRATION	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	39	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	11	J
37324-23-5	Aroclor-1262	39	U
11100-14-4	Aroclor-1268	39	U

APPENDIX E

MANIFESTS

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1322862
Customer ID: 5252
Manifest / BOL: 020671546JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 01/23/2020
Time In: 12:33 PM
Time Out: 2:03 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 60,380 lbs. **Tare:** 42,580 lbs. **Net:** 17,800 lbs.	8.900 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1322862 Manifest 020671546JJK

60380 9106

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671546 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10020	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: Appl#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 2063 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box H[redacted] Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: JD — Month 01 Day 22 Year 2020

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
[redacted] Signature [redacted] Month 1 Day 22 Year 20
Signature Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Month 1 Day 23 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

12785090

Invoice: 576894 Receipt 03-00 1322862 Cod COD #3

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671546JJK, Line Item 1 has been landfilled on

1-23, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205.
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1322863
Customer ID: 5252
Manifest / BOL: 020671545JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 01/23/2020
Time In: 12:40 PM
Time Out: 1:57 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 64,680 lbs. **Tare:** 46,940 lbs. **Net:** 17,740 lbs.	8.870 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1322863 Manifest 020671545JJK

Truck-499 64,680 lbs

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671545 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHD 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1; App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Boy # 2088 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 22 Year 2020

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name [redacted] Signature [redacted] Month 01 Day 22 Year 20
Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Month 1 Day 27 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

12785085

Invoice: 576894 Receipt 03-00 1322863 Cod COD #2

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB solid

and specified on Manifest # 020671545 JJK, Line Item 1 has been landfilled on

1-23, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV. 25879. USA

Weight Ticket

Receipt ID: 1322865
Customer ID: 5252
Manifest / BOL: 020671544JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 01/23/2020
Time In: 12:43 PM
Time Out: 2:07 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 63,440 lbs. **Tare:** 41,220 lbs. **Net:** 22,220 lbs.	11.110 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1322865 Manifest 020671544JJK

TR-9134 inbound ~3,440 #'s

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671544 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2157 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 22 Year 2020

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
[redacted] Signature [redacted] Month 01 Day 22 Year 20
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Signature [redacted] Day 23 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. ...EST SYSTEM

12785076

Invoice: 576894 Receipt 03-00 1322865 Cod COD #3

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671544JJK, Line Item 1 has been landfilled on

1-23, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete [redacted]

Authorized Signature [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1322925
Customer ID: 5252
Manifest / BOL: 020671547JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 01/24/2020
Time In: 10:17 AM
Time Out: 12:01 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 64,860 lbs. **Tare:** 43,140 lbs. **Net:** 21,720 lbs.	10.860 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1322925 Manifest 020671547JJK

64860 9106

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671547 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2090 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of EPA — Signature — Month 01 Day 23 Year 2020

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
[redacted] Sign [redacted] Month 10 Day 23 Year 20
Sign Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] ture [redacted] onth Day 1 Year 84 20

EPA Form 8700-22 (Rev. 12-17) Previous [redacted] D[redacted] NIFEST SYSTEM

12745895

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671547 JJK, Line Item 1 has been landfilled on

1/24, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1322938
Customer ID: 5252
Manifest / BOL: 020671548JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 01/24/2020
Time In: 10:34 AM
Time Out: 11:45 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 68,520 lbs. **Tare:** 46,180 lbs. **Net:** 22,340 lbs.	11.170 TONS

NO SALVAGING ON PREMISES

Trk#-999 68,520 lbs

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671548 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHD 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 1/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2126 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 23 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 [redacted] Signature [redacted] Month 01 Day 23 Year 2020
Transporter 2 Printed/Typed Name Signature Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Signature Month 11 Day 24 Year 20

EPA Form [redacted] ED FACILITY TO EPA's e-MANIFEST SYSTEM

12745921

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671548JJK, Line Item 1 has been landfilled on

1/24, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1322963
Customer ID: 5252
Manifest / BOL: 020671549JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9116
Date: 01/24/2020
Time In: 12:19 PM
Time Out: 1:50 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 63,960 lbs. **Tare:** 42,440 lbs. **Net:** 21,520 lbs.	10.760 TONS

NO SALVAGING ON PREMISES

TL# 4116
HWT# 63,960

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671549 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	40,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
ENVSTD PO# 0063773 SP# 315933
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 BOL # 20785 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 23 Year 2020

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
[redacted] — Signature [redacted] — Month 1 Day 23 Year 20
Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Month 1 Day 24 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

12745977

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671549 JJK, Line Item 1 has been landfilled on

1/24, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323052
Customer ID: 5252
Manifest / BOL: 020671550JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 01/27/2020
Time In: 10:10 AM
Time Out: 12:19 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 64,220 lbs. **Tare:** 41,400 lbs. **Net:** 22,820 lbs.	11.410 TONS

NO SALVAGING ON PREMISES

9134 inbound 64,220

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671550 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2162
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature: [redacted]
Month Day Year: 10 24 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

TRANSPORTER

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
[redacted]
Month Day Year: 10 29 20

Month Day Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

18b. Alternate Facility (or Generator)

Facility's Phone: Month Day Year

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: [redacted]
Printed/Typed Name
Month Day Year: 11 27 20

EPA Form 8700-22 (Rev. 12-17) Previous [redacted] MANIFEST SYSTEM

12735002

Invoice: 573679 Receipt 03-00 1323052 Cod COD #2

US ecology CERTIFICATE OF DISPOSAL

12735003

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671550 JJK, Line Item 1 has been landfilled on 1/27, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Weight Ticket

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Receipt ID: 1323053
Customer ID: 5252
Manifest / BOL: 020671551JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 01/27/2020
Time In: 10:13 AM
Time Out: 12:48 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 65,380 lbs. **Tare:** 43,320 lbs. **Net:** 22,060 lbs.	11.030 TONS

NO SALVAGING ON PREMISES

Invoice: 573679 Receipt 03-00 1323053 Manifest 020671551JJK

65,380 999 ~~4106~~

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671551 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 ~~#~~ 2035 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 10 Day 24 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter [redacted] Signature [redacted] Month 10 Day 24 Year 2020
Transporter Signature Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Month 1 Day 24 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

12736571

Invoice: 573679 Receipt 03-00 1323053 Cod COD #2

12736572

Page 3 of 7

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solids

and specified on Manifest # 020671551 JJK, Line Item 1 has been landfilled on

1/27, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323055
Customer ID: 5252
Manifest / BOL: 020671552JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 01/27/2020
Time In:
Time Out: 12:51 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 67,760 lbs. **Tare:** 47,100 lbs. **Net:** 20,660 lbs.	10.330 TONS

NO SALVAGING ON PREMISES

Invoice: 573679 Receipt 03-00 1323055 Manifest 020671552JJK

67760 lbs 9106 999/614

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WV-TSCA-105-641
2. Page 1 of: 1
3. Emergency Response Phone: (267) 666-9251
4. Manifest Tracking Number: 020671552 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve
U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2015 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature
Month Day Year: 01 24 2020

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
[redacted] Signature [redacted] Month Day Year: 1 29 20
Signature Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Month Day Year: 1 27 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO ... MANIFEST SYSTEM

12736588

Invoice: 573679 Receipt 03-00 1323055 Cod COD #2

12736589

Page 4 of 7

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671552 JJK, Line Item 1 has been landfilled on

1/27, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323135
Customer ID: 5252
Manifest / BOL: 020671556JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 01/28/2020
Time In: 10:14 AM
Time Out: 11:18 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 66,680 lbs. **Tare:** 41,340 lbs. **Net:** 25,340 lbs.	12.670 TONS

NO SALVAGING ON PREMISES

9134 inbound 66,680#

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671556 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHD 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 BOX # 2126 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [signature] — Month 01 Day 27 Year 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____
Transporter signature (for exports only): Date leaving U.S.: ____

TRANSPORTER

17. Transporter [redacted]
Transporter 1 P[redacted] — Month 01 Day 27 Year 20
Transporter 2 P[redacted] — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight 11518K Okpe Jessica Duffy 1-30-20 Manifest Reference Number: BB
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner [redacted] Month Day Year
Printed/Typed Name: [redacted] 1 28 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA'S e-MANIFEST SYSTEM

12738513

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671556 JJK, Line Item 1 has been landfilled on

1/28, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323136
Customer ID: 5252
Manifest / BOL: 020671555JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 01/28/2020
Time In: 10:18 AM
Time Out: 11:24 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 68,480 lbs. **Tare:** 43,120 lbs. **Net:** 25,360 lbs.	12.680 TONS

NO SALVAGING ON PREMISES

68,480

1106

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671555 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Sheffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	0,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 ROY # 2090
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 27 Year 2020

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
[redacted] Sign [redacted] Month 1 Day 27 Year 20
Sign Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Month 1 Day 28 Year 20

EPA Form 8700-22 (Rev.

TRANSPORTER COPY

Certificate of Disposition

Issue Date: February 25, 2020

Generator: US EPA REGION 3
WVT SCA 105 641

INERSECTION OF OLD MINDEN ROAD
MINDEN, WV 25879
(267) 666-9251

USE Facility: Wayne Disposal, Inc.
MID048090633

Mailing Address: 49350 North I-94 Service Drive
Belleville, Michigan 48111
1-800-592-5489

Receipt Date: 01/28/2020
Manifest Number: 020671555JJK

Manifest Page	Line	Inbound Approval	Description
1	1	A200116WDI	This certificate is to certify that this waste(s) were subsequently managed as required by US Ecology's Part B and/or TSCA permits where applicable and disposed of in accordance with permits and law regulating this facility. Disposal Date(s): 01/28/2020

Authorized Signature: [redacted]

Authorized Signature's Printed Name: [redacted] **Title:** Customer Account Representative

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true, accurate and complete.

1

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323146
Customer ID: 5252
Manifest / BOL: 020671554JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 01/28/2020
Time In: 11:12 AM
Time Out: 12:22 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 70,160 lbs. **Tare:** 46,240 lbs. **Net:** 23,920 lbs.	11.960 TONS

NO SALVAGING ON PREMISES

70160 165

999/414

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671554 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2157 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [signature] — Month 01 Day 27 Year 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transp[redacted] — Signature: [redacted] — Month 01 Day 27 Year 2020
Transp[redacted] — Signature: — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Ty[redacted] — Month 11 Day 28 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

12756486

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671554JJK, Line Item 1 has been landfilled on 1/28, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323151
Customer ID: 5252
Manifest / BOL: 020671553JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9168
Date: 01/28/2020
Time In: 11:52 AM
Time Out: 1:19 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 64,500 lbs. **Tare:** 41,720 lbs. **Net:** 22,780 lbs.	11.390 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323151 Manifest 020671553JJK

64,500 lbs TRUCK 9168

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WV-TSCA-105-641	2. Page 1 of 1	3. Emergency Response Phone (267) 666-9251	4. Manifest Tracking Number 020671553 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 BOX# 2013 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 27 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter [redacted] — Signature [redacted] — Month 01 Day 27 Year 20

Transporter — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility [redacted] is covered by the [redacted]
Printed/Typed Name [redacted] — Month 1 Day 28 Year 20

GENERATOR — TRANSPORTER INTL — DESIGNATED FACILITY

EPA Form [redacted] e-MANIFEST SYSTEM

12756532

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671553 JJK, Line Item 1 has been landfilled on

1/28, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323253
Customer ID: 5252
Manifest / BOL: 020671557JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 01/29/2020
Time In: 10:52 AM
Time Out: 12:30 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 67,180 lbs. **Tare:** 41,440 lbs. **Net:** 25,740 lbs.	12.870 TONS

NO SALVAGING ON PREMISES

9134 inbound 47,180#

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WV-TSCA-105-641	2. Page 1 of 1	3. Emergency Response Phone (267) 666-9251	4. Manifest Tracking Number 020671557 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2081 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [redacted] — Month 01 Day 28 Year 2020

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter [redacted] Signature [redacted] Month 01 Day 28 Year 20
Transporter Signature Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Gross weight 71700 lbs per Jessica Duffy Manifest Reference [redacted] 37-20-20
18b. Alternate Facility (or Generator)
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Month 1 Day 29 Year 20

EPA Form 8700-22 (Rev. 12-17) DESIGNATED FACILITY TO GENERATOR

12766078

Invoice: 577542 Receipt 03-00 1323253 Cod COD #3

12766079

Page 2 of 37

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 020671557 JJK, Line Item 1 has been landfilled on

01-29-20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323254
Customer ID: 5252
Manifest / BOL: 020671559JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 01/29/2020
Time In: 10:53 AM
Time Out: 12:45 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 69,940 lbs. **Tare:** 46,880 lbs. **Net:** 23,060 lbs.	11.530 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323254 Manifest 020671559JJK

69940 999/414

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WV-TSCA-105-641
2. Page 1 of: 1
3. Emergency Response Phone: (267) 666-9251
4. Manifest Tracking Number: 020671559 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve
U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 20758
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month Day Year: 01 28 2020

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter [redacted]
Month Day Year: 01 28 20
Transporter
Month Day Year:

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
Month Day Year
18c. Signature of Alternate Facility (or Generator)
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/ [redacted]
Month Day Year: 11 29 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY ... MANIFEST SYSTEM

12752195

Invoice: 576894 Receipt 03-00 1323254 Cod COD #2

12752196

Page 11 of 63

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB solid

and specified on Manifest # 020671559, Line Item 1 has been landfilled on

2/6, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323255
Customer ID: 5252
Manifest / BOL: 020671558JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9168
Date: 01/29/2020
Time In: 10:56 AM
Time Out: 1:05 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 66,100 lbs. **Tare:** 41,400 lbs. **Net:** 24,700 lbs.	12.350 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323255 Manifest 020671558JJK

66,100 lbs TRUCK 9168

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671558 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19 SR 315892
EMERGENCY RESPONSE: Jessica Duffy (267) 666-9251 Box# 20785 CG ~~207858~~ Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month: 01 Day: 28 Year: 2020

INTL
16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
[redacted] Signature [redacted] Month 1 Day 29 Year 20
Signature Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight 11,227K clipped Jessica Duffy Manifest Reference Number: [redacted] BB2-1690
18b. Alternate Facility (or Generator)
Facility's Phone:
16c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [redacted] Month 1 Day 29 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

12766105

Invoice: 576894 Receipt 03-00 1323255 Cod COD #3

US ecology CERTIFICATE OF DISPOSAL

12766106

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 020671558 JJK, Line Item 1 has been landfilled on

01-29-20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV. 25879. USA

Weight Ticket

Receipt ID: 1323268
Customer ID: 5252
Manifest / BOL: 020671560JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 01/29/2020
Time In: 11:49 AM
Time Out: 1:12 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 67,560 lbs. **Tare:** 42,900 lbs. **Net:** 24,660 lbs.	12.330 TONS

NO SALVAGING ON PREMISES

67560 9106

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671560 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 7063 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 25 Year 2020

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
[redacted] Month 01 Day 28 Year 20
Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Critical Pinnacle 11209 dlvr per Jessica Duffy [redacted] 12-20-20
Manifest Ref.
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [redacted] Month 1 Day 29 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editio[redacted]ITY TO GENERATOR

12766122

Invoice: 576894 Receipt 03-00 1323268 Cod COD #3

12766123

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 020671560 JJK, Line Item 1 has been landfilled on

01-29-20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323337
Customer ID: 5252
Manifest / BOL: 020671561JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 01/30/2020
Time In: 10:20 AM
Time Out: 11:49 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 67,120 lbs. **Tare:** 43,380 lbs. **Net:** 23,740 lbs.	11.870 TONS

NO SALVAGING ON PREMISES

67,120 9106

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671561 JJK

GENERATOR

5. Generator's Name and Mailing Address: US EPA Region III - Shaffer Equipment Co., 1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address): Intersection of Hamilton Rd. and Old Minden Rd., Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Wayne Disposal, Inc. Site #2 Landfill, 49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329 — U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box# 2035 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [signature] — Month 01 Day 29 Year 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
[redacted] — Month 01 Day 29 Year 2020
Month Day Year

DESIGNATED FACILITY

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility [redacted]
Printed/Typed Name: [redacted] — Month 11 Day 30 Year 20

EPA Form 8700-22 (Rev. [redacted] D EPA's e-MANIFEST SYSTEM

12790829

Invoice: 576894 Receipt 03-00 1323341 Cod COD #2

12758035

Page 15 of 63

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest #020671561 JJK, Line Item 1 has been landfilled on

1/30, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323338
Customer ID: 5252
Manifest / BOL: 020671563JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9168
Date: 01/30/2020
Time In:
Time Out: 2:27 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 66,280 lbs. **Tare:** 42,300 lbs. **Net:** 23,980 lbs.	11.990 TONS

NO SALVAGING ON PREMISES

Invoice: 577542 Receipt 03-00 1323338 Manifest 020671563JJK

66,280 LBS TRUCK 9168

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671563 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co,
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	~~DT~~ CM	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2090 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 29 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgement of Receipt of Materials
Transporter 1 [redacted] Month 01 Day 29 Year 20
Transporter 2 [redacted] Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name [redacted] Month 1 Day 30 Year 20

EPA Form 8700-22 (Rev. 12-1[redacted]ACILITY TO EPA's e-MANIFEST SYSTEM

12790811

Invoice: 577542 Receipt 03-00 1323338 Cod COD #3

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671563JJK, Line Item 1 has been landfilled on

1-30, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complet

Authorized Signatur

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323340
Customer ID: 5252
Manifest / BOL: 020671562JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 01/30/2020
Time In: 10:24 AM
Time Out: 11:46 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 68,880 lbs. **Tare:** 41,420 lbs. **Net:** 27,460 lbs.	13.730 TONS

NO SALVAGING ON PREMISES

9134 inbound 68,880 #

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671562 JJK

GENERATOR

5. Generator's Name and Mailing Address: US EPA Region III - Shaffer Equipment Co., 1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address): Intersection of Hamilton Rd. and Old Minden Rd., Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Wayne Disposal, Inc. Site #2 Landfill, 49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329 — U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	~~DT~~ CM	10,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # ~~2126~~ 8162 #2 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [signature] — Month 01 Day 29 Year 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
[redacted] — Month 01 Day 29 Year 2020
Month 01 Day 29 Year 2020

DESIGNATED FACILITY

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
[redacted] Month 1 Day 30 Year 20

EPA Form 8700-22 (Rev. 12-11) Previous editions are obsolete. ...CILITY TO EPA's e-MANIFEST SYSTEM

12790824

Invoice: 577542 Receipt 03-00 1323340 Cod COD #3

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671562JJIL, Line Item 1 has been landfilled on

1-30, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signatu[redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323341
Customer ID: 5252
Manifest / BOL: 020671564JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9156
Date: 01/30/2020
Time In: 10:26 AM
Time Out: 11:52 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 69,940 lbs. **Tare:** 45,560 lbs. **Net:** 24,380 lbs.	12.190 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323341 Manifest 020671564JJK

Truck 9156/630 Weight 69940

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WV-TSCA-105-641	1	(267) 666-9251	020671564 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name
Enviroserve
U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 1/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2015 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature: [signature]
Month: 01 Day: 29 Year: 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
[redacted]
Month: 1 Day: 29 Year: 20
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number: U.S. EPA ID Number

18b. Alternate Facility (or Generator)
Facility's Phone: Month Day Year

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

[redacted]
Month: 1 Day: 30 Year: 20

TY TO EPA's e-MANIFEST SYSTEM

EPA Form 8700-22 (Rev. 12-11) Previous Editions

12758014

Invoice: 576894 Receipt 03-00 1323341 Cod COD #2

US ecology CERTIFICATE OF DISPOSAL

12758015

Page 14 of 63

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671564 JJK, Line Item 1 has been landfilled on

1/30, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323406
Customer ID: 5252
Manifest / BOL: 020671568JJK
Transporter: Enviroserv
Transporter EPA ID: CAR000188201
Truck#: 9156
Date: 01/31/2020
Time In: 9:18 AM
Time Out: 10:30 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 68,680 lbs. **Tare:** 45,500 lbs. **Net:** 23,180 lbs.	11.590 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323406 Manifest 020671568JJK

Truck 9156/630 Weight 68680

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671568 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2088 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 30 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
[redacted] Month 1 Day 30 Year 20
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

DESIGNATED FACILITY
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility O[redacted]
Printed/Typed Name [redacted] Month 1 Day 31 Year 20

EPA Form 8700-22 (Rev. 1[redacted] PA's e-MANIFEST SYSTEM

12759627

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671568 JJK, Line Item 1 has been landfilled on

1/31, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV. 25879. USA

Weight Ticket

Receipt ID: 1323409
Customer ID: 5252
Manifest / BOL: 020671567JJK
Transporter: Enviroserv
Transporter EPA ID: CAR000188201
Truck#: 9134
Date: 01/31/2020
Time In: 9:52 AM
Time Out: 10:45 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 66,440 lbs. **Tare:** 41,260 lbs. **Net:** 25,180 lbs.	12.590 TONS

NO SALVAGING ON PREMISES

9134 — 66,440 inbound

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-10S-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671567 JJK

GENERATOR

5. Generator's Name and Mailing Address: US EPA Region III - Shaffer Equipment Co., 1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy
Generator's Site Address (if different than mailing address): Intersection of Hamilton Rd. and Old Minden Rd., Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Wayne Disposal, Inc. Site #2 Landfill, 49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329 — U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	~~BF~~ CM	10,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 — Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2126 — Job#: ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month: 01 Day: 30 Year: 2020

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [redacted] — Month: 01 Day: 30 Year: 20
Transporter 2 Printed/Typed Name — Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
actual weight 11445 Kgs per Jessica Duffy BB 2/3/20 — Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 18a
Printed/Typed Name: [redacted] — Month: 01 Day: 31 Year: 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

12747969

Invoice: 576894 Receipt 03-00 1323409 Cod COD #3

12747970

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 020671567 JJK, Line Item 1 has been landfilled on

01-31-20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323410
Customer ID: 5252
Manifest / BOL: 020671566JJK
Transporter: Enviroserv
Transporter EPA ID: CAR000188201
Truck#: 9106
Date: 01/31/2020
Time In: 9:54 AM
Time Out: 10:53 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 68,820 lbs. **Tare:** 45,580 lbs. **Net:** 23,240 lbs.	11.620 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323410 Manifest 020671566JJK

68,820 9106

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671566 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2013 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 30 Year 2020

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transport [redacted] Month 01 Day 30 Year 2020
Transpor [redacted] Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number: U.S. EPA ID Number
18b. Alternate Facility (or Generator)
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility O [redacted]
Printed/Typed Name Month 5/ Day 1 Year 20

EPA Form 8700-22 (Rev. 1 [redacted] e-MANIFEST SYSTEM

12759636

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671566 JJK, Line Item 1 has been landfilled on

1/31, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323415
Customer ID: 5252
Manifest / BOL: 020671565JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 6168
Date: 01/31/2020
Time In: 10:05 AM
Time Out: 11:19 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 63,200 lbs. **Tare:** 40,900 lbs. **Net:** 22,300 lbs.	11.150 TONS

NO SALVAGING ON PREMISES

Please print or type. Form Approved. OMB No. 2060-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671565 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name
Enviroserve
U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2157 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature
Month 01 Day 30 Year 20

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. [redacted]
Month 01 Day 30 Year 20
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number: U.S. EPA ID Number

18b. Alternate Facility (or Generator)
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

[redacted]
Month 1 Day 31 Year 20

CILITY TO EPA's e-MANIFEST SYSTEM

12759651

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671565 JJK, Line Item 1 has been landfilled on

1/31, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323547
Customer ID: 5252
Manifest / BOL: 020671569JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 02/03/2020
Time In: 10:19 AM
Time Out: 12:00 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 64,800 lbs. **Tare:** 41,220 lbs. **Net:** 23,580 lbs.	11.790 TONS

NO SALVAGING ON PREMISES

9134 inbound 64,800#

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WV-TSCA-105-641
2. Page 1 of: 1
3. Emergency Response Phone: (267) 666-9251
4. Manifest Tracking Number: 020671569 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

U.S. EPA ID Number: OHO 000 333 336

6. Transporter 1 Company Name: Enviroserve

U.S. EPA ID Number:

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329

U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10.000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box# 2063
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month Day Year: 01 31 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter 1 Printed/Typed Name: [redacted]
Signature:
Month Day Year: 10 13 2020

17. Transporter 2 Printed/Typed Name:
Signature:
Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
U.S. EPA ID Number:

18b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year:
18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [redacted]
Signature:
Month Day Year: 12 3 20

EPA Form 8700-22 (Rev. 12-17) Previous Edition is Obsolete. -MANIFEST SYSTEM

12762018

Invoice: 576894 Receipt 03-00 1323547 Cod COD #2

12762019

Page 20 of 63

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671569JJK, Line Item 1 has been landfilled on

2/3, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323548
Customer ID: 5252
Manifest / BOL: 020671572JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9114
Date: 02/03/2020
Time In: 10:23 AM
Time Out: 12:19 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 65,200 lbs. **Tare:** 42,940 lbs. **Net:** 22,260 lbs.	11.130 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323548 Manifest 020671572JJK

TRUCK # 9114

GROSS @ 65,200

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671572 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: Appt#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Box # 2015 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 01 Day 31 Year 2020

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. T
Trans — Month / Day 5 / Year 20
Trans — Month / Day / Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. D
Print — Month 2 Day 3 Year 20

EPA Form ANIFEST SYSTEM

12762469

Invoice: 576894 Receipt 03-00 1323548 Cod COD #2

12762471

Page 21 of 63

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 026671572 JJK, Line Item 1 has been landfilled on

2/3, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323549
Customer ID: 5252
Manifest / BOL: 020671570JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 02/03/2020
Time In: 10:26 AM
Time Out: 12:05 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 65,440 lbs. **Tare:** 43,240 lbs. **Net:** 22,200 lbs.	11.100 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323549 Manifest 020671570JJK

65,440 9106

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671570 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd,
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt/Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Bol # 2037 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: — Month: 01 Day: 31 Year: 2020

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Tra[redacted] — Month: 01 Day: 31 Year: 2020
Tra[redacted] — Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [redacted] Month: 2 Day: 13 Year: 20

EPA Form 8700-22 (Rev. 12) ANIFEST SYSTEM

12762486

Invoice: 576894 Receipt 03-00 1323549 Cod COD #2

12762487

Page 22 of 63

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671570 JJK, Line Item 1 has been landfilled on

2/3, 2026 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323552
Customer ID: 5252
Manifest / BOL: 020671571JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 02/03/2020
Time In: 10:51 AM
Time Out: 12:29 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3	12.030 TONS

Gross: 70,680 lbs. **Tare:** 46,620 lbs. **Net:** 24,060 lbs.

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323552 Manifest 020671571JJK

#999 – 70,680

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671571 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: Appt#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 1/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 BoxH 20788 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: JZ — Month 01 Day 31 Year 2020

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Tra
Transpo — Month Day Year 01 31 2020
Transpo — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certificati
Printed/Typed Name — Month 12 Day 3 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions e-MANIFEST SYSTEM

12762450

Invoice: 576894 Receipt 03-00 1323552 Cod COD #2

12762451

Page 23 of 63

usecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671571 JJK, Line Item 1 has been landfilled on 2/3, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
PRO-TECK LLC
85 WILLOW ST BLDG 3 3RD FLOOR
NEW HAVEN, CT 06511, USA

Generator Site Address:
40CFRPART761, 560 NORTH WASHINGTON LLC
560 NORTH WASHINGTON AVE
BRIDGEPORT, CT, 06604, USA

Weight Ticket

Receipt ID: 1323652
Customer ID: 6899
Manifest / BOL: 020671573JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 02/04/2020
Time In: 9:38 AM
Time Out: 11:53 AM

Line	Description Generator	Qty. Unit
1 - 1	A200032WDI - REMDEDATION WASTE SOIL	11.370 TONS
	Hazardous Surcharge Ton	11.370 TONS
	40CFRPART761 560 NORTH WASHINGTON LLC	
	Gross: 69,500 lbs. **Tare:** 46,760 lbs. **Net:** 22,740 lbs.	

NO SALVAGING ON PREMISES

#999 69,500 lbs

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671573 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHD 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 #2088 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 02 Day 05 Year 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

[redacted] Month 02 Day 03 Year 20

Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner [redacted]
Printed/Typed Name — Month Day Year 12 4 20

EPA Form 8700-22 (Rev. 12-1 MANIFEST SYSTEM

12753263

Invoice: 577542 Receipt 03-00 1323652 Cod 020671573JJK

USecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solids

and specified on Manifest # 020671573JJK, Line Item 1 has been landfilled on

2-4, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323659
Customer ID: 5252
Manifest / BOL: 020671575JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9114
Date: 02/04/2020
Time In: 11:01 AM
Time Out: 12:36 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 64,720 lbs. **Tare:** 42,140 lbs. **Net:** 22,580 lbs.	11.290 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323659 Manifest 020671575JJK

TRUCK # 9114
GROSS: 64,720

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671575 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHD 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	1000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 1/11/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #226 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: JZ — Month 02 Day 05 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

[redacted] Month 02 Day 15 Year 20

Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Des[redacted] Month Day Year 2 14 20
Printed

EPA Form [redacted] NIFEST SYSTEM

12756562

Invoice: 576894 Receipt 03-00 1323659 Cod COD #2

12756563

Page 24 of 63

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 022067157 5 JJK, Line Item 1 has been landfilled on

2/4, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323660
Customer ID: 5252
Manifest / BOL: 020671574JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 02/04/2020
Time In: 11:03 AM
Time Out: 12:26 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 66,060 lbs. **Tare:** 42,580 lbs. **Net:** 23,480 lbs.	11.740 TONS

NO SALVAGING ON PREMISES

66,060 9106

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WV-TSCA-105-641
2. Page 1 of: 1
3. Emergency Response Phone: (267) 666-9251
4. Manifest Tracking Number: 020671574 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879
U.S. EPA ID Number: OHO 000 333 336

6. Transporter 1 Company Name: Enviroserve
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 #2157
Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.
Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month Day Year: 02 03 2020

INTL
16. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

TRANSPORTER
Transporter signature (for exports only):
[redacted]
Month Day Year: 02 03 2020
Month Day Year:

DESIGNATED FACILITY
17. Discrepancy
18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection
Manifest Reference Number: U.S. EPA ID Number
18b. Alternate Facility (or Generator)
Facility's Phone: Month Day Year
18c. Signature of Alternate Facility (or Generator)
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [redacted] Signature: Month Day Year: 02 14 20

EPA Form [redacted] MANIFEST SYSTEM

12756579

Invoice: 576894 Receipt 03-00 1323660 Cod COD #2

12756580

Page 25 of 63

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671574JJK, Line Item 1 has been landfilled on 9/4, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323661
Customer ID: 5252
Manifest / BOL: 020671576JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 02/04/2020
Time In: 11:06 AM
Time Out: 12:42 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 64,740 lbs. **Tare:** 41,180 lbs. **Net:** 23,560 lbs.	11.780 TONS

NO SALVAGING ON PREMISES

9134 inbound 64,740#

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WV-TSCA-105-641
2. Page 1 of: 1
3. Emergency Response Phone: (267) 666-9251
4. Manifest Tracking Number: 020671576 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879
U.S. EPA ID Number: OHO 000 333 336

6. Transporter 1 Company Name: Enviroserve
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2090
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.
Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month Day Year: 10 03 2020

INTL
16. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

TRANSPORTER
Transporter signature (for exports only):
[redacted]
Month Day Year: 10 03 20
Month Day Year:

DESIGNATED FACILITY
17. Discrepancy
18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection
Manifest Reference Number:
U.S. EPA ID Number
18b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year:
18c. Signature of Alternate Facility (or Generator)
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or [redacted]
Printed/Typed Name
Day Year: 14 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. [redacted] FEST SYSTEM

Invoice: 576894 Receipt 03-00 1323661 Cod COD #2

12756545

Page 26 of 63

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest #020671576 JJK, Line Item 1 has been landfilled on

2/4, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323709
Customer ID: 5252
Manifest / BOL: 020671578JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9114
Date: 02/05/2020
Time In: 10:07 AM
Time Out: 11:21 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 63,220 lbs. **Tare:** 42,880 lbs. **Net:** 20,340 lbs.	10.170 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323709 Manifest 020671578JJK

TRUCK # 9114

GROSS : 63,220

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WV-TSCA-105-641
2. Page 1 of: 1
3. Emergency Response Phone: (267) 666-9251
4. Manifest Tracking Number: 020671578 JJK

Form Approved. OMB No. 2050-0039

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve
U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: Appr#: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2035
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month 02 Day 04 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
[redacted]
Month 02 Day 04 Year 2020

Month Day Year

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 18a
Printed/Typed Name: [redacted]
Signature:
Month 12 Day 5 Year 20

EPA Form 8700-22 (Rev. 12-05) Previous editions are obsolete. NATIONAL MANIFEST SYSTEM

GENERATOR | INTL | DESIGNATED FACILITY

12765009

Invoice: 576894 Receipt 03-00 1323709 Cod COD #2

US ecology CERTIFICATE OF DISPOSAL

12765010

Page 27 of 63

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671578JJK, Line Item 1 has been landfilled on 2/5/, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323710
Customer ID: 5252
Manifest / BOL: 020671579JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 02/05/2020
Time In: 10:09 AM
Time Out: 11:24 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 65,600 lbs. **Tare:** 41,420 lbs. **Net:** 24,180 lbs.	12.090 TONS

NO SALVAGING ON PREMISES

9134 inbound 65,600#

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671579 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2037 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 02 Day 04 Year 2020

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
T [redacted] Month 02 Day 04 Year 20
T Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated F[redacted] Month 12 Day 5 Year 20
Printed/Typed Na[redacted]

EPA Form 8700-22 (Rev. [redacted]) e-MANIFEST SYSTEM

12765013

Invoice: 576894 Receipt 03-00 1323710 Cod COD #2

12766014

Page 28 of 63

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671579 JJK, Line Item 1 has been landfilled on 2/5, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323711
Customer ID: 5252
Manifest / BOL: 020671577JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 02/05/2020
Time In: 10:17 AM
Time Out: 11:16 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 70,600 lbs. **Tare:** 47,060 lbs. **Net:** 23,540 lbs.	11.770 TONS

NO SALVAGING ON PREMISES

Invoice: 576894 Receipt 03-00 1323711 Manifest 020671577JJK

999 70,600 lbs

Form Approved. OMB No. 2050-0039

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WV-TSCA-105-641
2. Page 1 of: 1
3. Emergency Response Phone: (267) 666-9251
4. Manifest Tracking Number: 020671577 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879
U.S. EPA ID Number: OHO 000 333 336

6. Transporter 1 Company Name: Enviroserve
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2013
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month Day Year: 02 04 2020

16. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):
[redacted]
Month Day Year: 02 04 20

Transporter 2 Printed/Typed Name:
Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection
Manifest Reference Number:
U.S. EPA ID Number:

18b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year:
18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Printed/Typed Name:
[redacted]
Month Day Year: 2 5 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

's e-MANIFEST SYSTEM

12765007

Invoice: 576894 Receipt 03-00 1323711 Cod COD #2

12765008

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 026715775JK Line Item 1 has been landfilled on 2/5, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323741
Customer ID: 5252
Manifest / BOL: 020671580JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 02/05/2020
Time In: 1:14 PM
Time Out: 2:33 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 69,520 lbs. **Tare:** 42,720 lbs. **Net:** 26,800 lbs.	13.400 TONS

NO SALVAGING ON PREMISES

69520 9106

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671580 JJK

5. Generator's Name and Mailing Address: US EPA Region III - Shaffer Equipment Co., 1650 Arch Street (3SD32), Philadelphia, PA 19103, Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address): Intersection of Hamilton Rd. and Old Minden Rd., Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Wayne Disposal, Inc. Site #2 Landfill, 49350 N. I-94 Service Dr., Belleville, MI 48111, Facility's Phone: (800) 592-5329 — U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PC01		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: T: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 #2162 Out of Service Date: 11/16/19

EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [signature] — Month 02 Day 04 Year 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgement of Receipt of Materials

Transporter [redacted] — Month 02 Day 04 Year 2020

Transporter [redacted] — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Actual Weight 17187 Kgs per Jessica Duffy [redacted] 2-11-20

18b. Alternate Facility (or Generator) — Manifest Ref. [redacted] D Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Des[redacted] Printed — Month Day Year 2 5 20

EPA Form [redacted] TO GENERATOR

12770205

Invoice: 577542 Receipt 03-00 1323741 Cod COD #3

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB solid waste

and specified on Manifest # 020671580WK, Line Item 1 has been landfilled on

2-5, 2020 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete

Authorized Signature [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323801
Customer ID: 5252
Manifest / BOL: 020671581JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9106
Date: 02/06/2020
Time In: 10:35 AM
Time Out: 12:50 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 69,920 lbs. **Tare:** 42,760 lbs. **Net:** 27,160 lbs.	13.580 TONS

NO SALVAGING ON PREMISES

69920 9106

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671581 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	~~BT~~ CM	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 1/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2126 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA | Signature | Month 02 Day 05 Year 2020

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
[redacted] Month 02 Day 05 Year 20
Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity 12,315 ☐ Type ☐ [redacted] ☐ Full Rejection
Actual weight #1980 K olyer
Manifest Reference Number: 2-13-20
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Fac [redacted]
Printed/Typed Name
Month 12 Day 6 Year 20

EPA Form 8700-22 (R [redacted] PA's e-MANIFEST SYSTEM

12781445

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020071581JJK Line Item 1 has been landfilled on 2/6 ,20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323803
Customer ID: 5252
Manifest / BOL: 020671583JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9114
Date: 02/06/2020
Time In: 10:38 AM
Time Out: 12:54 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 67,260 lbs. **Tare:** 43,220 lbs. **Net:** 24,040 lbs.	12.020 TONS

NO SALVAGING ON PREMISES

TRUCK # 4114

GROSS : 67,220

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671583 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name
Enviroserve
U.S. EPA ID Number
OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number
MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2088 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month 02 Day 05 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
[redacted]
Month 12 Day 5 Year 20
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

[redacted]
Month 12 Day 6 Year 20

EPA F -MANIFEST SYSTEM

12768798

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 008067158 3 JJK Line Item 1 has been landfilled on

2/6 ,20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323804
Customer ID: 5252
Manifest / BOL: 020671584JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 02/06/2020
Time In: 10:42 AM
Time Out: 12:59 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 68,140 lbs. **Tare:** 42,140 lbs. **Net:** 26,000 lbs.	13.000 TONS

NO SALVAGING ON PREMISES

9134 inbound 68,140 #

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number WV-TSCA-105-641	2. Page 1 of 1	3. Emergency Response Phone (267) 666-9251	4. Manifest Tracking Number 020671584 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #20785 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 02 Day 05 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

[redacted] Month 02 Day 05 Year 20 — Month Day Year

16. Discrepancy
16a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ [redacted] ☐ Partial Rejection ☐ Full Rejection
Actual weight 11818K delivered Jessica Duffy [redacted] BB2-1330
16b. Alternate Facility (or Generator) — EPA ID Number
Facility's Phone:
16c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or [redacted]
Printed/Typed Name — Month 2 Day 16 Year 20

EPA Form 8700-22 (Rev. 12-17) [redacted] CILITY TO EPA's e-MANIFEST SYSTEM

12781427

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671584 JJK, Line Item 1 has been landfilled on

2/6, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15.U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323815
Customer ID: 5252
Manifest / BOL: 020671582JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 02/06/2020
Time In: 11:30 AM
Time Out: 1:02 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 73,780 lbs. **Tare:** 46,220 lbs. **Net:** 27,560 lbs.	13.780 TONS

NO SALVAGING ON PREMISES

Invoice: 577542 Receipt 03-00 1323815 Manifest 020671582JJK

#999 73,780

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671582 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2063 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [signature] — Month 02 Day 05 Year 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

TRANSPORTER

Transporter signature (for exports only): [redacted] Month 02 Day 05 Year 2020

Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue [redacted] ☐ Full Rejection

Actual weight 12577K oli per Jessica Duffy Manifest Reference Numb [redacted] -B20

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Ow [redacted]
Printed/Typed Name [redacted] Month 12 Day 16 Year 20

EPA Form 8700-22 (Rev. 12- [redacted] ILITY TO EPA's e-MANIFEST SYSTEM

12781415

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020671582 JJK Line Item 1 has been landfilled on

2/16, 20. in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323867
Customer ID: 5252
Manifest / BOL: 020574619JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 999
Date: 02/07/2020
Time In: 9:29 AM
Time Out: 10:56 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 68,200 lbs. **Tare:** 45,580 lbs. **Net:** 22,620 lbs.	11.310 TONS

NO SALVAGING ON PREMISES

#999 68,200 lbs

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020574619 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2157 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [signature] — Month 02 Day 06 Year 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

[redacted]

Month 2 Day 6 Year 20

Month Day Year

DESIGNATED FACILITY

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner [redacted]
Printed/Typed Name [redacted] Month 12 Day 17 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

12770528

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020574619JJK, Line Item 1 has been landfilled on 2/7 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323873
Customer ID: 5252
Manifest / BOL: 020671586JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9114
Date: 02/07/2020
Time In: 10:01 AM
Time Out: 11:08 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 67,540 lbs. **Tare:** 42,440 lbs. **Net:** 25,100 lbs.	12.550 TONS

NO SALVAGING ON PREMISES

Manifest 7117

67255 & 67540

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671586 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name
Enviroserve
U.S. EPA ID Number
OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number
MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE Jessica Duffy (267) 666-9251 #2070 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature
Month 02 Day 06 Year 2020

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

[redacted]

Month 02 Day 06 Year 2020
Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

DESIGNATED FACILITY

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H1	[redacted]		

20. Designated Facility Own
Printed/Typed Name
Month 2 Day 7 Year 20

EPA Form 8700-22 (Rev. 12-

TRANSPORTER COPY

US ecology

Certificate of Disposition

Issue Date: February 25, 2020

Generator: US EPA REGION 3
WVT SCA 105 641

INERSECTION OF OLD MINDEN ROAD
MINDEN, WV 25879
(267) 666-9251

USE Facility: Wayne Disposal, Inc.
MID048090633

Mailing Address: 49350 North I-94 Service Drive
Belleville, Michigan 48111
1-800-592-5489

Receipt Date: 02/07/2020
Manifest Number: 020671586JJK

Manifest Page	Line	Inbound Approval	Description
1	1	A200116WDI	This certificate is to certify that this waste(s) were subsequently managed as required by US Ecology's Part B and/or TSCA permits where applicable and disposed of in accordance with permits and law regulating this facility. Disposal Date(s): 02/10/2020

Authorized Signature: [redacted]

Authorized Signature's Pri [redacted] **Title:** Customer Account Representative

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true, accurate and complete.

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1323874
Customer ID: 5252
Manifest / BOL: 020671587JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9134
Date: 02/07/2020
Time In: 10:02 AM
Time Out: 11:11 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 64,780 lbs. **Tare:** 41,620 lbs. **Net:** 23,160 lbs.	11.580 TONS

NO SALVAGING ON PREMISES

4134 Inbound 64,780 lbs

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020671587 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name
Enviroserve
U.S. EPA ID Number
OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number
MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: Appt#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 #1203 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month: 10 Day: 16 Year: 2020

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter [redacted]
Month: 2 Day: 10 Year: 20
Transporter
Month: Day: Year:

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H132	2.	3.	4.

20. Designated Facility Owner [redacted]
Printed/Typed Name
Month: 2 Day: 7 Year: 20

EPA Form 8700-22 (Rev. 12-17) TRANSPORTER COPY

Certificate of Disposition

Issue Date: February 25, 2020

Generator: US EPA REGION 3
WVT SCA 105 641

INERSECTION OF OLD MINDEN ROAD
MINDEN, WV 25879
(267) 666-9251

USE Facility: Wayne Disposal, Inc.
MID048090633

Mailing Address: 49350 North I-94 Service Drive
Belleville, Michigan 48111
1-800-592-5489

Receipt Date: 02/07/2020
Manifest Number: 020671587JJK

Manifest Page	Line	Inbound Approval	Description
1	1	A200116WDI	This certificate is to certify that this waste(s) were subsequently managed as required by US Ecology's Part B and/or TSCA permits where applicable and disposed of in accordance with permits and law regulating this facility. Disposal Date(s): 02/10/2020

Authorized Signature

Authorized Signature's [redacted] **Title:** Customer Account Representative

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true, accurate and complete.

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1323883
Customer ID: 5252
Manifest / BOL: 020671585JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9178
Date: 02/07/2020
Time In: 10:35 AM
Time Out: 12:30 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 70,240 lbs. **Tare:** 42,880 lbs. **Net:** 27,360 lbs.	13.680 TONS

NO SALVAGING ON PREMISES

9178

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020671585 JJK

5. Generator's Name and Mailing Address: US EPA Region III - Shaffer Equipment Co. 1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy
Generator's Site Address (if different than mailing address): Intersection of Hamilton Rd. and Old Minden Rd. Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Wayne Disposal, Inc. Site #2 Landfill, 49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329 — U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT CM	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: Appt#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 1/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 H 2132 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 02 Day 06 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
[redacted] Month 12 Day 16 Year 20
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue [redacted] ☐ Full Rejection
Partial weight 12430K. Oliver Jessica Duffy [redacted] 02-10-20
Manifest Reference N
18b. Alternate Facility (or Generator)
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):
1. H132 2. 3. 4.

20. D
Print
[redacted] Month 2 Day 7 Year 20

EPA Form [redacted] CILITY TO GENERATOR

Invoice: 577542 Receipt 03-00 1323883 Cod COD #3

12766053

Page 11 of 37

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 020671585 JJK, Line Item 1 has been landfilled on

02-07-20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1324026
Customer ID: 5252
Manifest / BOL: 020574620JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9114
Date: 02/10/2020
Time In: 10:26 AM
Time Out: 11:37 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 67,840 lbs. **Tare:** 42,980 lbs. **Net:** 24,860 lbs.	12.430 TONS

NO SALVAGING ON PREMISES

TRUCK # 9114
GROSS 67,840

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020574620 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHD 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 BOX#2015 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 02 Day 07 Year 2020

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Tr [redacted] Month 12 Day 17 Year 20
Tr Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Full Rejection
Actual weight 113.00K lbs per Jessica Duffy [redacted] 12-17-20
18b. Alternate Facility (or Generator)
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Ce [redacted]
Printed/Typed Name Month 2 Day 10 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

12785120

Invoice: 576894 Receipt 03-00 1324026 Cod COD #3

US ecology CERTIFICATE OF DISPOSAL

12785121

Page 32 of 63

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 020574620JJK, Line Item 1 has been landfilled on

0210-20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1324101
Customer ID: 5252
Manifest / BOL: 020574624JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 842
Date: 02/11/2020
Time In: 9:52 AM
Time Out: 11:28 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 61,820 lbs. **Tare:** 35,580 lbs. **Net:** 26,240 lbs.	13.120 TONS

NO SALVAGING ON PREMISES

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WV-TSCA-105-641
2. Page 1 of: 1
3. Emergency Response Phone: (267) 666-9251
4. Manifest Tracking Number: 020574624 JJK

5. Generator's Name and Mailing Address: US EPA Region III - Shaffer Equipment Co. 1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Site Address (if different than mailing address): Intersection of Hamilton Rd. and Old Minden Rd. Minden, WV 25879
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHD 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Wayne Disposal, Inc. Site #2 Landfill, 49350 N. I-94 Service Dr., Belleville, MI 48111 — U.S. EPA ID Number: MID 048 090 633
Facility's Phone: (800) 592-5329

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: Appt: A200116WDI-OTS - (PCB Impacted Soil) ERG 171 — Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2151 — Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [signature] — Month: 02 Day: 10 Year: 20

INTERNATIONAL TRANSPORTER

16. International Shipments — Import to U.S. — Export from U.S. — Port of entry/exit:

[redacted]

Month: 12 Day: 10 Year: 20

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space — Quantity — Partial Rejection — Full Rejection
Actual weight 11924 KGS [redacted] 12-14-20

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H 132 2. 3. 4.

[redacted]

Month: 12 Day: 11 Year: 20

DESIGNATED FACILITY TO GENERATOR

12785173

Invoice: 577542 Receipt 03-00 1324101 Cod COD #3

US ecology CERTIFICATE OF DISPOSAL

12785174

Page 12 of 37

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID

and specified on Manifest # 020574624JJK, Line Item 1 has been landfilled on

02-11-20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1324109
Customer ID: 5252
Manifest / BOL: 020574626JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: R534
Date: 02/11/2020
Time In: 11:38 AM
Time Out: 12:45 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 58,660 lbs. **Tare:** 35,960 lbs. **Net:** 22,700 lbs.	11.350 TONS

NO SALVAGING ON PREMISES

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020574626 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #20585 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 12 Day 10 Year 20

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgement of Receipt of Materials [redacted] Month 12 Day 10 Year 20 — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certifica[redacted]
Printed/Typed Name — Month 12 Day 11 Year 20

EPA Form 8700-22 (Rev. 12-17) Previous editions [redacted] e-MANIFEST SYSTEM

12776380

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB solid

and specified on Manifest # 020574626, Line Item 1 has been landfilled on

2/11, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1324133
Customer ID: 5252
Manifest / BOL: 020574627JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9172
Date: 02/11/2020
Time In: 1:26 PM
Time Out: 2:42 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 74,200 lbs. **Tare:** 45,820 lbs. **Net:** 28,380 lbs.	14.190 TONS

NO SALVAGING ON PREMISES

9172 74,200

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020574627 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103.
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name
Enviroserve
U.S. EPA ID Number
OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number
MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 11/10/19
EMERGENCY RESPONSE: Jessica Duffy (267) 666-9251 #2037
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature
Month 12 Day 10 Year 20

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name [redacted]
Month 12 Day 10 Year 20
Transporter 2 Printed/Typed Name
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight 12900 Kelsey Jessica Duffy Manifest [redacted] 12-14-20
18b. Alternate Facility (or Generator) Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. [redacted]
Month 12 Day 11 Year 20

EPA Fo[redacted] TO GENERATOR

12785150

Invoice: 577542 Receipt 03-00 1324133 Cod COD #3

US ecology CERTIFICATE OF DISPOSAL

12785151

Page 14 of 37

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID.

and specified on Manifest # 020574627JJK, Line Item 1 has been landfilled on 02-11-20, in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1324219
Customer ID: 5252
Manifest / BOL: 020574622JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9172
Date: 02/12/2020
Time In: 11:31 AM
Time Out: 1:18 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 73,920 lbs. **Tare:** 45,400 lbs. **Net:** 28,520 lbs.	14.260 TONS

NO SALVAGING ON PREMISES

73926

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WV-TSCA-105-641	1	(267) 666-9251	020574622 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name
Enviroserve
U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: App#: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2088
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month 02 Day 07 Year 2020

INTL

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
[redacted]
Month 12 Day 17 Year 19
Month Day Year

DESIGNATED FACILITY

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator)
Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 18a
Printed/Typed Name
[redacted]
Month 12 Day 12 Year 20

EPA Form 8700-22 (Rev. 12-17) Previ... e-MANIFEST SYSTEM

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020574622 JJK Line Item 1 has been landfilled on 2/12, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1324220
Customer ID: 5252
Manifest / BOL: 020574625JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9178
Date: 02/12/2020
Time In: 11:39 AM
Time Out: 1:44 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 69,820 lbs. **Tare:** 42,380 lbs. **Net:** 27,440 lbs.	13.720 TONS

NO SALVAGING ON PREMISES

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WV-TSCA-105-641
2. Page 1 of: 5
3. Emergency Response Phone: (267) 666-9251
4. Manifest Tracking Number: 020574625 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve
U.S. EPA ID Number: OHO 000 333 336

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3. 2,157							
	4.							

14. Special Handling Instructions and Additional Information
1: Appr: A200116WDI-OTS (PCB Impacted Soil) ERG 171
Out of Service Date: 1116/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 #2157
Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature:
Month: 02 Day: 10 Year: 20

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
[redacted]
Month: 02 Day: 10 Year: 2020

18. [redacted]
Month: Day: Year:

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Actual weight 12473K Jessica Duffy [redacted] 2-17-20

18b. Alternate Facility (or Generator) [redacted] Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 18a
Printed/Typed Name: [redacted]
Month: 2 Day: 12 Year: 20

EPA Form 8700-22 (R[redacted] DESIGNATED FACILITY TO GENERATOR

12791007

Invoice: 577542 Receipt 03-00 1324220 Cod COD #3

12791008

Page 16 of 37

US ecology CERTIFICATE OF DISPOSAL

This certificate is to verify the wastes specified on Manifest # 020574625 JJK

have been properly disposed of in accordance with all local, state and federal regulation.

"Disposed of" means either: 1) Burial or 2) Processed as specified in 40CFR et sea.

FACILITY NAME: (Please check one)

☐ Michigan Disposal Waste Treatment Plant (EPA I.D. # MID000724831)

☒ Wayne Disposal, Inc. (EPA I.D. # MID048090633)

ADDRESS: 49350 N. I-94 Service Drive
Bellville, Michigan 48111

PHONE NUMBER: 1-800-592-5489

FAX NUMBER: 1-800-593-5329

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN. WV. 25879. USA

Weight Ticket

Receipt ID: 1324288
Customer ID: 5252
Manifest / BOL: 020574621JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9172
Date: 02/13/2020
Time In: 10:20 AM
Time Out: 11:14 AM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1 WVTSCA105641 US EPA REGION 3 **Gross:** 73,060 lbs. **Tare:** 46,000 lbs. **Net:** 27,060 lbs.	13.530 TONS

NO SALVAGING ON PREMISES

Invoice: 577542 Receipt 03-00 1324288 Manifest 020574621JJK

73,060 PR

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020574621 JJK

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHD 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1
	2.					
	3.					
	4.		11			

14. Special Handling Instructions and Additional Information
1: App#: AZ00116WDI-OTS (PCB Impacted Soil) ERG 171 #2035 Out of Service Date: 11/16/19
EMERGENCY REPSPONSE: Jessica Duffy (267) 666-9251 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature — Month 02 Day 07 Year 2020

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
[redacted] [redacted] Month 02 Day 07 Year 2020
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ [redacted] ☐ Rejection ☐ Full Rejection
actual weight 12308k pk by Jessica Duffy [redacted] 12-17-20
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials [redacted] Month 12 Day 13 Year 20

EPA DESIGNATED FACILITY TO GENERATOR

12791927

Invoice: 577542 Receipt 03-00 1324288 Cod COD #3

12791928

Page 17 of 37

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 026057462DJK Line Item 1 has been landfilled on Feb 13th, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Wayne Disposal, Inc.
49350 N I-94 SERVICE DRIVE, BELLEVILLE , MI 48111 USA

Customer Account:
CAPITOL ENVIRONMENTAL - DE
200 BIDDLE AVE, SUITE 205
NEWARK, DE 19702, USA

Generator Site Address:
WVTSCA105641, US EPA REGION 3
INERSECTION OF OLD MINDEN ROAD
AND HAMILTON ROAD
MINDEN, WV, 25879, USA

Weight Ticket

Receipt ID: 1324356
Customer ID: 5252
Manifest / BOL: 020574623JJK
Transporter: Enviroserve
Transporter EPA ID: OH0000333336
Truck#: 9172
Date: 02/13/2020
Time In: 5:08 PM
Time Out: 6:15 PM

Line	Description Generator	Qty. Unit
1 - 1	A200116WDI - PCB Impacted Soil - Line Item #1	13.370 TONS
	WVTSCA105641 US EPA REGION 3	
	Gross: 72,500 lbs. **Tare:** 45,760 lbs. **Net:** 26,740 lbs.	

NO SALVAGING ON PREMISES

Invoice: 577542 Receipt 03-00 1324356 Manifest 020574623JJK

9172 72500

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: WV-TSCA-105-641	2. Page 1 of: 1	3. Emergency Response Phone: (267) 666-9251	4. Manifest Tracking Number: 020574623 JJK

GENERATOR

5. Generator's Name and Mailing Address
US EPA Region III - Shaffer Equipment Co.
1650 Arch Street (3SD32), Philadelphia, PA 19103
Generator's Phone: (267) 666-9251 Attn: Jessica Duffy

Generator's Site Address (if different than mailing address)
Intersection of Hamilton Rd. and Old Minden Rd.
Minden, WV 25879

6. Transporter 1 Company Name: Enviroserve — U.S. EPA ID Number: OHD 000 333 336

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal, Inc. Site #2 Landfill
49350 N. I-94 Service Dr., Belleville, MI 48111
Facility's Phone: (800) 592-5329 #2013
U.S. EPA ID Number: MID 048 090 633

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3432, Polychlorinated Biphenyls, Solid, 9, PGII	001	DT	10,000	K	PCB1		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: Appt#: A200116WDI-OTS (PCB Impacted Soil) ERG 171 Out of Service Date: 1/16/19
EMERGENCY REPSPONSE Jessica Duffy (267) 666-9251 Job# ROAN-SSCH

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA — Signature: [signature] — Month: 02 Day: 01 Year: 2020

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER

17. [redacted]
Tra[redacted] — Month: 02 Day: 07 Year: 20
Tra[redacted] — Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type [redacted] ☐ Partial Rejection ☐ Full Rejection
Official weight 12155# Olg per Jessica Duffy [redacted] 2-17-20
18b. Alternate Facility (or Generator) U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
[redacted] Month: 2 Day: 13 Year: 20

EPA F[redacted] Y TO GENERATOR

12791341

Invoice: 577542

Receipt 03-00 1324356

Cod COD #3

12791343

Page 18 of 37

US ecology CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid

and specified on Manifest # 020574623JJK, Line Item 1 has been landfilled on

feb 13th, 20 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
Telephone: 800-592-5489
Fax: 800-593-5329

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: [redacted]

Date: 02-22-20

CERTIFICATE OF DISPOSAL

The waste material identified on **(NON HAZARDOUS WASTE MANIFESTS #02042001, 02142001, and 02142002)** generated by **USEPA Region 3, Shaffer Equipment Site, Minden, WV** has been treated and disposed of in accordance with all relevant local, state and federal regulations pertaining to such.

Certified by:

[redacted]

General Manager
ECO-FIRST, Inc.

Making Earth
ECO-FIRST.COM
a better place

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: EXEMPT
2. Page 1 of 1
3. Emergency Response Phone: 877-730-7303
4. Waste Tracking Number: 02042001

GENERATOR

5. Generator's Name and Mailing Address:
U.S.E.P.A. - REGION III
1650 Arch Street
Philadelphia, PA 19103
215-287-2443

Generator's Site Address (if different than mailing address):
USEPA Region 3 Shaffer Equipment
Intersection of Hamilton and Old Mindon roads
Minden, WV 25879

Generator's Phone:

6. Transporter 1 Company Name: ECO-FIRST, Inc. - Lesage, WV
U.S. EPA ID Number: WVR000501304

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address:
ECO-FIRST, Inc. - Lesage, WV
3 Harvest View Drive
Lesage, WV 25537
304-736-7303
U.S. EPA ID Number: WVR000501304

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	NON R.C.R.A. REGULATED, NON D.O.T. REGULATED WASTE - NON HAZARDOUS PIT WATER	001	TT	2300	G	
2						
3						
4						

13. Special Handling Instructions and Additional Information
On site contact [redacted] - Analysis on file. Non regulated waste.

Ultimate disposal facility: Valicor Environmental Services, Huntington, WV, per USEPA off site disposal rule

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Jessica Duffy on behalf of USEPA
Signature
Month: 2 Day: 4 Year: 2020

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
[redacted] Signature [redacted]
Month: 2 Day: 4 Year: 2020

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
[redacted]
Month: 02 Day: 05 Year: 20

DESIGNATED FACILITY TO GENERATOR

169-BLC-O 5 11977 (Rev. 9/09)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
EXEMPT	1	877-736-7303	02142001

GENERATOR

5. Generator's Name and Mailing Address
U.S.E.P.A. - REGION III
1650 Arch Street
Philadelphia, PA 19103
215-287-2443

Generator's Site Address (if different than mailing address)
USEPA Region 3 Shaffer Equipment
Intersection of Hamilton and Old Mindon roads
Minden, WV 25879

Generator's Phone:

6. Transporter 1 Company Name: ECO-FIRST, Inc. - Lesage, WV — U.S. EPA ID Number: WVR000501304

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: ECO-FIRST, Inc. - Lesage, WV
3 Harvest View Drive
Lesage, WV 25537
304-736-7303
U.S. EPA ID Number: WVR000501304

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	NON R.C.R.A. REGULATED, NON D.O.T. REGULATED WASTE - NON HAZARDOUS PIT WATER	001	TT	2300	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
On site contact [redacted] -- Analysis on file. Non hazardous waste.

Ultimate disposal facility: Valicor Environmental Services, Huntington, WV per USEPA off site disposal rule.

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dennis Matlock OSC — Signature: [signature] for USEPA — Month: 2 — Day: 14 — Year: 2020

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
[redacted] — Month: 2 — Day: 14 — Year: 2020

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

[redacted] — Month: 02 — Day: 14 — Year: 20

LITY TO GENERATOR

169-BLC-0 5 11977 (Rev. 9/05)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Exempt

2. Page 1 of

3. Emergency Response Phone: 8777387303

4. Waste Tracking Number: 02142002

5. Generator's Name and Mailing Address:
USEPA Region III
1650 Arch Street
Philadelphia PA 19103

Generator's Site Address (if different than mailing address):
USEPA Shaffer Equipment
Inter of Hamilton & Old Nineden Rd
Minden WV 25879

Generator's Phone:

6. Transporter 1 Company Name: Eco-First Inc Lesage WV

U.S. EPA ID Number: WVR000501304

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Eco First Inc Lesage WV
3 Harvest View Dr
Lesage WV 25537
304 736-7303

U.S. EPA ID Number: WVR000501304

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON RCRA Regulated NON DOT Regulated waste NON Haz Pit water	D01	TT	2300	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Analysis on File NON Haz waste
Disposal facility Valicor Services Huntington WV
per USEPA offsite disposal rule

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Dennis Matlock OSC

Signature: [signature] for USEPA

Month: 2 Day: 14 Year: 2020

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter [redacted]

Month: 02 Day: 14 Year: 20

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

[redacted]

Month: 02 Day: 14 Year: 20

TY TO GENERATOR

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY