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Project Manager

May 27, 2022

Mr. Brian Kelly
On-Scene Coordinator
U.S. Environmental Protection Agency
Region 5, Superfund and Emergency Management Division
2565 Plymouth Road
Ann Arbor, Michigan 48105

Subject: Removal Report, Revision 1
Julio Properties – RV
Ripley, Houghton County, Michigan
EPA Contract No.: 68-HE-0519-D0005
Task Order-Task Order Line Item No.: F0032-0001BH101
Document Tracking No.: 0964a

Dear Mr. Kelly:

Tetra Tech, Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) is submitting this Removal Report, Revision 1, for the Julio Properties – RV Site (the site) in Ripley, Houghton County, Michigan, for your review and comment. This report summarizes the removal activities conducted at the site from July 13 to October 14, 2021.

If you have any questions or comments regarding this report, please contact me at (906) 281-3404.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeffrey S. Binkley".

Jeffrey S. Binkley
The Mannik & Smith Group, Inc. (Subcontractor of Tetra Tech) Project Manager

Enclosure

cc: TOLIN file
Chris Burns, Tetra Tech Program Manager

**REMOVAL REPORT
JULIO PROPERTIES – RV
RIPLEY, HOUGHTON COUNTY, MICHIGAN**

Revision 1

Prepared for

U.S. Environmental Protection Agency
Superfund and Emergency Management Division
Region 5
2565 Plymouth Road
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Submitted by

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May 27, 2022

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Approved by



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1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) tasked Tetra Tech, Inc. (Tetra Tech) to provide support during a time-critical removal action at the Julio Properties– RV Site (the site) located in Ripley, Houghton County, Michigan. The work was assigned under Superfund Technical Assessment and Response Team (START) Contract No. 68-HE-0519-D0005, Task Order-Task Order Line Item No. F0032-0001BH101.

As a part of the removal action, Tetra Tech START conducted the following activities:

- Developed and implemented site-specific plans, including the Air Monitoring and Sampling Plan (AMSP) (Tetra Tech 2021a), Site-Specific Data Management Plan (Tetra Tech 2021c), and Emergency Contingency Plan (Tetra Tech 2021b);
- Reviewed the Emergency and Rapid Response Services (ERRS) contractor, Environmental Quality Management, Inc. (EQM) prepared site-specific Health and Safety Plan (HASP) and Work Plan;
- Performed air monitoring and conducted air sampling to help ensure the safety of on-site workers and no adverse effects on trail users and nearby residential and commercial areas from potential off-site migration of fugitive emissions during removal activities;
- Provided technical and administrative support to the EPA On-Scene Coordinator (OSC); and,
- Performed oversight of the removal activities conducted by the ERRS contractor.

The purpose of the removal action was to mitigate imminent and substantial threats to public health, welfare, and the environment posed by hazardous materials at the site. This removal report documents the EPA removal activities that took place at the site from July 13 to October 14, 2021. This report discusses the site background in Section 2.0, removal action activities in Section 3.0, and provides a summary of the removal action in Section 4.0. References cited in the document are listed in Section 5.0.

Figures are included in Appendix A. The air sampling data are summarized in the Perimeter Air Sampling Results tables provided in Appendix B. A photographic log of the removal action activities is provided in Appendix C. The START field logbook notes are provided in Appendix D. Waste manifests and associated waste profiles are included in Appendix E. The final laboratory analytical data packages are provided in Attachment 1.

2.0 SITE BACKGROUND

This section includes the site location and description, and provides an overview of the site history.

2.1 SITE LOCATION AND DESCRIPTION

The site consists of three non-contiguous parcels totaling approximately 25 acres, a portion of which is made lands, along approximately ½ mile of the north shoreline of the Portage Canal in Ripley, Houghton County, Michigan, depicted on Figure 1 and Figure 2 in Appendix A.

The three parcels are:

- Julio Salvage (20675 Royce Road);
- Julio Contracting/Former Standard Oil Company (21021 Royce Road); and,
- Julio Scrap Yard & Tower (address unknown).

Ripley Products, a non-operating metal fabricating facility, is in the northwest corner of the Julio Salvage parcel. The parcel owner maintains an office/maintenance/fueling facility on the north side of the Julio Contracting/Former Standard Oil Company parcel. A separately maintained communications tower is within the south-central portion of the Julio Scrap Yard & Tower parcel. Inactive salvage yard operations and construction related boneyards cover the balance of the land area of the two parcels. The all season, multi-user recreational Michigan Department of Natural Resources (MDNR) Lake Linden Route trail (a.k.a. Trail No. 3) traverses each of the parcels. The Julio Properties are bordered to the north by Michigan Department of Transportation (MDOT) Highway M-26, to the south by the Portage Canal, and to the east and west by a mixture of residential, commercial, vacant, and former industrial properties.

Access to the site is generally unrestricted although the property owner installed temporary fencing and no trespassing signage in 2018 and 2019, and the MDNR installed a gate, fencing, and signage directing trail users to stay on the designated trail as access-deterring measures.

2.2 SITE HISTORY

Based on a review of Sanborn Fire Insurance maps, prior site land uses consisted of a combination of industrial operations including, but not limited to, foundry, machining, coal and coke handling, bulk fuel handling, and boiler works (Mannik Smith Group [MSG] 2018). Simultaneously with industrial development, made lands were created as indicated by the 1865 shoreline depicted on Figure 2 in Appendix A. Salvage and construction-related operations later became the primary land use.

Based on potential environmental concerns related to prior land uses along the Ripley waterfront, the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Remediation and Redevelopment Division (RRD) evaluated the results of past inspections and studies (MSG 2018) and undertook site investigation (SI) activities. These activities identified potential risks to human and ecological receptors at the site and users traversing the MDNR trail (MSG 2019 and Tetra Tech 2020a). In addition to physical hazards, human health risks included those from direct contact with surface soils contaminated with polychlorinated biphenyls (PCBs) and metals, residual process materials (RPM), abandoned containers, waste/debris piles, and from inhalation of particulates and asbestos. These investigations identified up to 75 percent (%) chrysotile asbestos in samples of suspect asbestos containing materials (ACM) at the site. In-situ screening and laboratory testing of surficial soils in debris piles at the site identified lead concentrations up to 18,000 milligrams/kilogram (mg/kg). Based on the SI findings, EGLE requested assistance from the EPA to address the potential risks posed by the site.

In 2018 into 2019, EGLE RRD provided their SI findings to the MDNR (trail owner), adjacent property owner (Julio), and the Western Upper Peninsula Health Department (WUPHD). WUPHD in turn requested assistance from the Michigan Department of Health and Human Services (MDHHS) in review of the SI findings. The MDHHS provided a public health hazard determination that concluded "...there are physical and chemical hazards currently present at the Julio Properties that could cause harm to people on or near the properties resulting in injury or disease now or in the future. In addition, there is the potential for presence of imminent hazards" (MDHHS 2019). Subsequently, on September 30, 2019, the WUPHD issued an advisory regarding the Julio Properties and users of the MDNR trail (WUPHD 2019). The advisory for activity on the trail was temporarily suspended once the area was snow covered, but re-issued on May 7, 2020 (WUPHD 2020a). Based on WUPHD's health advisory the MDNR closed the trail.

To mitigate potential risks identified in the WUPHD advisory, EGLE RRD, MDNR, and the adjacent property owner, prior to and after issuance of the advisories, undertook interim response actions during 2019 and 2020. Response actions included EGLE RRD's abatement of visible friable ACM and suspect ACM from the surface of the Julio Contracting/Former Standard Oil Company parcel (MSG 2020). The EPA prepared a technical memorandum that identified the potential for threats to human health and/or the environment and described the completed and contemplated response actions (Tetra Tech 2020a). The MDHHS and WUPHD reviewed the technical memorandum and concluded that the completed and contemplated response actions would address the public health hazards identified in the WUPHD health advisory for users of the MDNR trail (MDHHS 2020a).

The pandemic prevented EPA from fully implementing the contemplated response actions in 2020. To maintain trail continuity until the contemplated response actions could be fully implemented, the EPA, MDNR, and adjacent property owner proposed to conduct additional interim response actions in 2020 to further address concerns posed by the Julio Salvage Parcel (MDNR 2020a). The WUPHD concurred with the proposed interim response actions in an electronic mail message dated June 11, 2020 (WUPHD 2020b). The interim response actions were completed at the Julio Salvage parcel on July 2, 2020 (Tetra Tech 2020b). The MDNR reported the completed interim response actions to the WUPHD (MDNR 2020b). In reviewing the MDNR report the MDHHS concluded that with the exposure mitigation measures in place, no apparent public health hazards were present on or near the trail (MDHHS 2020b). The WUPHD concurred (WUPHD 2020c) and on July 24, 2020, the WUPHD lifted the public health advisory (WUPHD 2020d), and the MDNR re-opened the trail on July 27, 2020. EPA, MDNR, and the adjacent property owner proceeded with the remaining removal activities, as described in this report, in 2021.

3.0 REMOVAL ACTION ACTIVITIES

On-site removal activities took place from July 13 to August 20, 2021, with final waste shipment occurring on September 29, 2021 and photographic documentation on October 14, 2021. In support of the time-critical removal action at the site, Tetra Tech completed the following activities as tasked by EPA:

- Developed and implemented site-specific plans, including the AMSP (Tetra Tech 2021a), Site-Specific Data Management Plan (Tetra Tech 2021c), and Emergency Contingency Plan (Tetra Tech 2021b);
- Reviewed the ERRS contractor's site-specific HASP and Work Plan;
- Conducted daily perimeter air quality monitoring and sampling during removal activities;
- Supported the ERRS contractor in personal air sampling as-needed;
- Provided technical and administrative support to the EPA OSC;
- Oversaw work conducted by the ERRS contractor; and,
- Collected written, digital, and photographic documentation of site conditions and activities.

In support of the time-critical removal action at the site, the ERRS contractor completed the following activities as tasked by EPA:

- Provided site-specific HASP and Work Plan;
- Containerized lead/nickel batteries and PCB containing capacitors at Julio Salvage;
- Excavated and staged PCB, lead, and arsenic impacted soil and debris, and waste piles at Julio Salvage;
- Segregated and staged on-site concrete, lumber, and salvageable metal at Julio Salvage;
- Encapsulated an ACM containing incinerator and left it on-site at Julio Salvage.
- Covered impacted berm materials at Julio Scrap Yard & Tower;
- Decommissioned a tank car including removal of underlying PCB-contaminated soil at Julio Scrap Yard & Tower;
- Arranged for off-site transportation and disposal of soil, debris, tank car-related decommissioning wastes, and universal wastes at both parcels; and,
- Restored both site parcels following the completion of removal activities.

This section discusses plans prepared for the site, preparation activities, oversight and documentation, air quality monitoring, soil, debris, and universal waste removal, transport, and disposal, tank car decommissioning, and site covering and restoration.

3.1 SITE PLANS

ERRS and START developed plans to be implemented during the removal action. ERRS developed a site-specific Work Plan and HASP to include work planned under the removal action. The Work Plan and HASP were reviewed by the EPA OSC and Tetra Tech START. The Work Plan outlined the planned removal activities to be conducted by ERRS during this removal action. The HASP detailed the hazards for each task to be performed, including the site-specific contaminants of concern and health and safety protocols. The HASP also described proper personal protective equipment to be used on a task-by-task basis, as well as emergency procedures related to the work.

START prepared the AMSP (Tetra Tech 2021a), Site-Specific Data Management Plan (DMP) (Tetra Tech 2021c), and Emergency Contingency Plan (ECP) (Tetra Tech 2021b). The DMP identified the data collection activities and associated quality assurance/quality control measures specific to the removal. The ECP summarized the emergency protocols to be used during the removal action activities. The AMSP described the air monitoring and sampling activities required to ensure (1) the safety of on-site workers, and (2) no adverse effects on trail users and nearby residential and commercial areas from potential off-site migration of fugitive emissions during removal activities.

3.2 SITE PREPARATION

During the initial phase of the removal action, ERRS conducted general site setup activities, including access road improvements, installation of temporary fencing and signage, equipment maintenance and preparation, and field office trailer setup. An exclusion zone was set up with an entrance along the access road between Area 1 and Area 7, refer to Figure 3 in Appendix A for a depiction of the work areas.

3.3 OVERSIGHT AND DOCUMENTATION

START conducted written, digital, and photographic documentation of removal activities through the duration of the removal action. START personnel recorded daily weather conditions, ERRS contractor activities, START monitoring and sampling activities, and waste disposal events in the field logbook. As part of the documentation responsibilities, START maintained site files with scanned copies of the waste manifests and digital copies of compiled air monitoring data. Representative site photographs are presented

in Appendix C. START field logbook notes are provided in Appendix D. Laboratory analytical reports are provided in Attachment 1.

3.4 AIR MONITORING AND SAMPLING

START conducted air monitoring and sampling on the Julio Salvage parcel to ensure that work practices were sufficient to prevent the off-site migration of contaminants. Air monitoring and sampling was conducted daily, weather permitting, in accordance with the AMSP (Tetra Tech 2021a) throughout the duration of removal activities on the Julio Salvage parcel from July 14 to August 16, 2021. The air samples collected on July 14 through July 17, 2021 were submitted for laboratory analysis of lead and asbestos as planned in the AMSP, and also analyzed for arsenic at EQM's request. In accordance with the AMSP (Tetra Tech 2021a), samples collected after July 17, 2021 were archived and sent for analysis only if the total dust action level of 150 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) (continuous for 5 minutes) was exceeded. The total dust action level was exceeded on August 2 and August 4, 2021, and the corresponding samples were submitted for analysis of lead and asbestos.

START established four air monitoring stations on the Julio Salvage parcel, stationed upwind, downwind, and at two crosswind locations relative to the MDNR trail that traverses the parcels, as depicted in Appendix A, Figure 3. Each air monitoring station consisted of two Gilian GilAir5 air sampling pumps, one Gilian AirCon2 air sampling pump, and a TSI® DustTrak™ particulate air monitoring unit. One Gilian GilAir5 at each location was equipped with a 37-millimeter (mm) diameter mixed cellulose ester (MCE) cassette filter for metals analysis, while the other Gilian GilAir5 was equipped with a 25 mm-diameter, 0.8 micrometer (μm) MCE cassette filter for low volume asbestos analysis. The Gilian AirCon2 was equipped with a 25-mm-diameter, 0.8- μm MCE cassette filter for high volume asbestos analysis.

START assisted ERRS with daily set-up and calibration of personal air monitoring pumps used by ERRS to monitor for exposure to asbestos, lead, and arsenic during removal activities on the Julio Salvage parcel. Set up of personal air monitoring included charging of personal air monitoring pumps, recording start and end times of monitoring, and calculation of sample volumes. START also assisted with filling out chain of custody documentation and preparing samples for shipment to an ERRS procured laboratory for analysis. ERRS was responsible for submittal and evaluation of the analytical data. Laboratory data were validated by START (Tetra Tech 2022).

3.4.1 DustTrak™ DRX Particulate Monitors

Each DustTrak™ DRX was connected to EPA's VIPER Survey Controller software to provide real-time air monitoring for airborne particulates to the EPA field office. START established e-mail alerts for site-specific warning and/or action level exceedances. If an alert was received, START would evaluate the data and equipment to ensure the exceedance was not caused by an equipment malfunction. If an alert was determined to be legitimate, the EPA OSC would be notified, and an engineering control would be implemented. Engineering controls for dust control including stopping work to wet roads, removal areas, and debris piles any time visible dust was generated. This method was successful in keeping dust below particulate monitoring action levels.

Particulate monitoring on August 2 and August 4, 2021, exceeded the total dust action level of 150 µg/m³ (continuous for 5 minutes), therefore, high-volume asbestos and metal samples were sent to EMSL Analytical, Inc. (EMSL) for analysis. However, no work was occurring in Area 1 or Area 2 of the Julio Salvage parcel, where air monitoring stations were located at the time of the dust action level exceedances on August 2 and August 4, 2021. The total dust exceedances were discussed with the OSC and were believed to have been related to elevated air quality index and visible haze caused by forest fires occurring nearby in Canada at that time. Air monitoring and sampling was not conducted on August 3, 2021 due to work not occurring on the Julio Salvage parcel.

3.4.2 Perimeter Asbestos Air Samples

START collected background asbestos air samples for one day prior to the commencement of removal activities, then collected daily samples, weather permitting, while the ERRS contractor conducted removal operations on the Julio Salvage parcel. If conditions such as rainy weather minimized the potential for dust generation, the need for sample collection was discussed with the OSC and a decision was made about whether to proceed with the asbestos sample collection activities for that day. Collected samples were archived and only the background sample, first three days of removal activities, and samples collected on days in which the total dust action level of 150 µg/m³ (continuous for 5 minutes) was exceeded were sent for analysis.

High-volume asbestos air samples were collected using Gilian AirCon-2 sample pumps calibrated to a flow rate of approximately 10 liters per minute (L/min). Low-volume asbestos air samples were collected using Gilian GilAir5 Personal Air Sampling pumps calibrated to a flow rate of approximately 2.5 L/min. The pump flow rates were calibrated each morning prior to transportation to the site, and then were re-checked at the end of each day following the conclusion of on-site work. The perimeter asbestos air sampling locations are depicted in Appendix A, Figure 3.

The perimeter asbestos air samples collected between July 14 and 17, 2021 and on August 2 and 4, 2021 were submitted to EMSL in Indianapolis, Indiana, for laboratory analysis via National Institute for Occupational Safety and Health (NIOSH) Method 7400, phase contrast microscopy (PCM). If the high-volume samples were overloaded, the corresponding low-volume samples were analyzed via NIOSH Method 7400. Sample results that exceeded the site-specific perimeter action level of 0.001 fibers per cubic centimeter (f/cc) via PCM analysis were further analyzed via NIOSH Method 7402, transmission electron microscopy (TEM). Four samples met or exceeded the action level via PCM analysis. Engineering controls were increased and successfully controlled generation of dust. The re-analysis via TEM did not identify asbestos in the four samples above the reporting limits (which were below the action level). The perimeter asbestos air sampling results, which are presented in Appendix B, Table 1, were discussed with the OSC as results were received from the laboratory.

3.4.3 Perimeter Metals Air Samples

START collected background metals air samples for one day prior to commencement of removal activities, then collected daily samples weather permitting while the ERRS contractor conducted impacted soil removal operations on the Julio Salvage parcel. If conditions such as rainy weather minimized the potential for dust generation, the need for sample collection was discussed with the OSC and a decision was made about whether to proceed with the sample collection activities for that day. The metals air samples were collected using Gilian GilAir5 Personal Air Sampling pumps calibrated to a flow rate of approximately 3 L/min. The pump flow rates were calibrated each morning prior to transportation to the site, and were re-checked at the end of each day following the conclusion of on-site work. Collected samples were archived and only the background sample, first three days of removal activities, and samples collected on days in which the total dust action level of 150 µg/m³ (continuous for 5 minutes) was exceeded were sent for analysis. The perimeter metals air sampling locations are presented in Appendix A, Figure 3.

The perimeter metals air samples collected between July 14 and 17, 2021 were submitted to EMSL in Indianapolis, Indiana, for laboratory analysis for lead and arsenic via NIOSH Method 7300. The perimeter metals air samples collected on August 2 and August 4, 2021 were also submitted to EMSL for laboratory analysis for lead due to exceedances of the total dust action level. Over the duration of the removal, laboratory analysis detected lead in five samples; however, none met or exceeded the EPA's Regional Screening Levels (RSLs) for lead in Residential Air of 0.15 µg/m³. Following lead detections in samples, engineering controls were increased and successfully limited dust generation. The metals air sampling results (presented in Appendix B, Table 2) were discussed with the OSC as results were received from the laboratory.

3.5 JULIO SALVAGE PARCEL REMOVAL ACTIONS

The Julio Salvage parcel was divided into priority Areas 1 through 7 for the interim measures which were conducted by the property owner between 2018 and 2020. This removal action was primarily conducted in Area 1, Area 2, and Area 7, as well as two smaller removal areas, depicted on Figure 3 in Appendix A.

3.5.1 Soil and Debris Removal

ERRS initiated soil removal on July 14, 2021. Excavation was started in the PCB contaminated area along the eastern shoreline of the portion of the Julio Salvage parcel that protrudes into the Portage Canal and continued until July 15, 2021. Excavation depth was limited to 2 feet below ground surface (bgs) based on the extent of contamination delineated during the EGLE SI (MSG 2019). ERRS encountered groundwater during excavation at approximately 2 feet bgs. The excavated soils were staged in a stockpile on the western end of Area 1 for loading and disposal.

The geotextile covering and surficial debris in Area 1 was removed on July 14, 2021. Excavation of Area 1 was started on July 15, 2021 and continued through August 5, 2021. The excavation depth was limited to 2 feet based on the extent of contamination delineated during the EPA site assessment and EGLE SI (Tetra Tech 2020c, MSG 2019). Excavated soils and debris were staged in a stockpile on the western end of Area 1 for loading and disposal. Debris encountered during excavation was sorted into stockpiles of scrap metal, lumber, and concrete and stockpiled elsewhere on the Julio Salvage parcel.

The ERRS contractor containerized lead/nickel batteries and PCB containing capacitors into drums on July 15, 2021 for disposal. A total of three 55-gallon drums containing lead/nickel batteries and one 85-gallon drum containing PCB capacitors were staged for transportation and disposal.

On July 17, 2021, ERRS encapsulated an incinerator containing ACM located on the southeast corner of the parcel. The ACM inside the incinerator was encapsulated by lining the interior walls of the incinerator with a polyurethane spray foam encapsulant, then the incinerator doors were closed and void spaces around exterior openings were filled with the spray foam. The incinerator was left in place following encapsulation. The location of the encapsulated incinerator is depicted on Figure 3 in Appendix A.

Excavation of the lead impacted soil on the northern edge of the MDNR trail was conducted on July 17, 2021. The excavation depth was limited to 1 foot based on the extent of contamination delineated during the EGLE SI (MSG 2019). The excavated soils were staged in a stockpile on the western end of Area 1 for loading and disposal.

ERRS began removing debris, scrap, and wood from Area 2 of the Julio Salvage parcel on July 17, 2021. Excavation of Area 2 began on July 22, 2021 and continued through July 26, 2021. The excavation depth was limited to between 0.5 and 1 foot based on direction provided by the OSC. The excavated soils and concrete pieces were staged in a stockpile on the western portion of Area 1 for loading and disposal.

On August 3, 2021, ERRS began sorting of debris piles located in Area 7 of the Julio Salvage parcel. Soil from the debris piles was added to the soil stockpile in the western portion of Area 1. Large debris including concrete, lumber, and scrap metal were consolidated and stockpiled elsewhere in Area 7 until ERRS could sort them into separate debris stockpiles. As the consolidated debris stockpile was sorted, concrete pieces were broken up to remove rebar. Debris was sorted into separate stockpiles containing scrap metal, lumber, and concrete in the northwestern portion of Area 7 and left on-site.

3.5.2 Backfilling and Site Restoration

ERRS backfilled the soil removal area on the eastern shore of the parcel using sand on July 16, 2021, and then topped the area with topsoil and graded it back to original grade on July 19, 2021. The area was raked using hand tools and seeded on July 23, 2021 to establish a vegetated cover.

The removal area along the north edge of the MDNR trail was backfilled to original grade using topsoil on July 19, 2021. The area was raked using hand tools and seeded on July 20, 2021 to establish a vegetated cover.

Site restoration in Area 2 began on July 26, 2021 with backfilling of the excavated area using topsoil. The topsoil was spread using hand tools. The topsoil was seeded on July 28, 2021 to establish a vegetated cover.

Site restoration in Area 1 began on August 17, 2021 with the placement of gravel to backfill the excavated area, and continued through August 20, 2021. ERRS spread topsoil and seed along the edges of the designated MDNR trail along the north sides of Area 1 and Area 2 to create a vegetated median between the gravel cover and MDNR trail. Before and after photographs of the removal activities at the Julio Salvage parcel are depicted on Figure 4 in Appendix A.

3.6 JULIO SCRAP YARD & TOWER REMOVAL ACTIONS

Removal activities conducted at the Julio Scrap Yard & Tower parcel included removal and disposal of impacted soil surrounding a leaking tank car, decommissioning the tank car and disposal of remaining contents, and covering a berm area impacted with PCBs. The locations of these removal activities are depicted on Figure 5 in Appendix A.

3.6.1 Soil Removal and Tank Car Decommissioning

START marked the extent for removal of PCB-contaminated soil surrounding the leaking tank car based on prior investigative results and ERRS began excavation on July 26, 2021. Visible staining of the soil was observed to a depth of 10 to 12 inches directly in front of the tank car. Hand tools were used to remove oily impacted soil from directly beneath the tank car and leaking valve. Removed soil was staged in a stockpile in the western portion of Area 1 on the Julio Salvage Parcel. Excavation of the PCB-contaminated soil surrounding the tank car was completed on July 27, 2021. The soil removal area surrounding the tank car was backfilled to original grade using topsoil on July 27, 2021 and seeded on August 5, 2021 to establish a vegetated cover. The extent of the removal area and vegetated cover are depicted on Figure 5 in Appendix A.

On August 3, 2021, ERRS began cutting open the tank car to remove the remaining tank contents. ERRS began pumping liquid contents from the tank into 55-gallon drums on August 17, 2021. Sludge material from the tank car was removed using a shop-vac and containerized. The interior of the tank car was cleaned using floor brushes, a spade, and a squeegee, and rinse water was containerized in a 55-gallon drum. Upon completion of contents removal and cleaning on August 20, 2021, the access hole in the tank car was closed and the car was tipped onto its side on wood braces to prevent rainwater accumulation. The decommissioned tank car was left on-site, and five 55-gallon drums of the tank car contents and rinse water, and two 85-gallon drums containing PCB-contaminated equipment, disposable personal protection equipment (PPE), and debris were staged at the Julio Salvage parcel to await transportation and disposal.

3.6.2 Berm Covering

On July 28, 2021, ERRS began smoothing the existing berm in preparation for covering of the PCB-contaminated soils within the berm. The property owner's employees assisted on-site to remove scrap material from the berm area in preparation for covering. ERRS began covering the berm using topsoil on July 29, 2021. Topsoil was placed using an excavator and raked smooth using hand tools. Covering of the berm and removal of the surrounding scrap material was completed on August 3, 2021. The topsoil cover over the berm was seeded on August 5, 2021 to establish a vegetated cover. The extent of the vegetated cover on the berm is depicted on Figure 5 in Appendix A.

3.7 TRANSPORTATION AND DISPOSAL

ERRS sampled the stockpiled soils and debris for waste characterization purposes on July 19, 2021 and sent the samples to ALS Environmental's laboratory in Holland, Michigan for analysis of PCBs and toxicity characteristic leaching procedure (TCLP) metals, volatile organic compounds (VOCs), and semi-

volatile organic compounds (SVOCs). A sample of the contents of the tank car for waste characterization was collected by ERRS on August 11, 2021 and sent to ALS Environmental's laboratory in Cincinnati, Ohio for analysis for PCBs, total metals, VOCs, and SVOCs.

After the completion of removal and waste characterization activities, the stockpiled soil and debris was transported off-site for disposal at Waste Management's K&W Landfill in Ontonagon, Michigan. The drums containing lead/nickel batteries, PCB capacitors, liquid waste removed from the tank car, and PCB debris were transported off-site for disposal at Spring Grove Resource Recovery, Inc. in Cincinnati, Ohio. Disposal information, including volume, disposal facility, and transportation dates, are summarized in the table below. Copies of the waste profiles and waste manifests are included in Appendix E.

Waste Disposal Summary

Waste Stream	Quantity	Disposal Facility	Transportation Date(s)
Non-Hazardous PCBs, Lead, and Arsenic Impacted Soil	299.11 tons	K&W Landfill	August 6, 2021
Non-Hazardous PCBs, Lead, and Arsenic Impacted Soil	537.78 tons	K&W Landfill	August 9, 2021
Non-Hazardous PCBs, Lead, and Arsenic Impacted Soil	538.62 tons	K&W Landfill	August 10, 2021
Non-Hazardous PCBs, Lead, and Arsenic Impacted Soil	525.91 tons	K&W Landfill	August 11, 2021
Non-Hazardous PCBs, Lead, and Arsenic Impacted Soil	528.04 tons	K&W Landfill	August 12, 2021
Non-Hazardous PCBs, Lead, and Arsenic Impacted Soil	347.45 tons	K&W Landfill	August 13, 2021
Non-Hazardous PCBs, Lead, and Arsenic Impacted Soil	179.43 tons	K&W Landfill	August 16, 2021
Lead/Nickel Batteries	Three 55-gallon drums	Spring Grove Resource Recovery, Inc.	September 29, 2021
Reportable Quantity PCBs Liquid	Five 55-gallon drums	Spring Grove Resource Recovery, Inc.	September 29, 2021

PCBs Solids (Capacitors)	One 85-gallon drum	Spring Grove Resource Recovery, Inc.	September 29, 2021
PCBs Debris	Two 85-gallon drums	Spring Grove Resource Recovery, Inc.	September 29, 2021

4.0 SUMMARY OF REMOVAL ACTIONS

The following summarizes the removal activities completed on-site from July 13 to August 20, 2021:

- In total, approximately 2,956.34 tons of non-hazardous soil and debris contaminated with PCBs, lead, and arsenic, three 55-gallon drums of lead/nickel batteries, and one 85-gallon drum of PCB capacitors were removed from the site and transported to disposal facilities. Segregated scrap metal, timber, and concrete were left on-site at the Julio Salvage parcel.
- An incinerator containing ACM was encapsulated and left on-site at the Julio Salvage parcel.
- Excavated areas of the Julio Salvage parcel were backfilled with topsoil and seeded to establish a vegetated cover, except for Area 1 which was backfilled with gravel.
- A leaking tank car on the Julio Scrap Yard & Tower parcel was emptied, cleaned, and decommissioned. The decommissioned tank car was left on-site. Five 55-gallon drums of tank contents and rinse water containing PCBs and two 85-gallon drums of PCBs contaminated equipment, PPE, and debris were removed from the site and transported to a disposal facility.
- A PCB-contaminated berm on the Julio Scrap Yard & Tower parcel was covered.
- Engineering controls were implemented to reduce dust generation. Based on perimeter air monitoring and sampling results, the intensity of engineering controls was increased when results exceeded the site-specific action levels.
- The final shipment of waste containers from the site occurred on September 29, 2021 and post removal photographic documentation was completed on October 14, 2021.

Following completion of EPA activities, the MDNR graded and graveled the designated trail, and installed fencing and signage directing trail users to stay on the designated trail. On October 14, 2022 START conducted a site visit to observe the MDNR activities.

The immediate risk to public health or the environment from direct contact or exposure to potentially uncontrolled hazardous waste liquids and solids has been eliminated from the near-trail area of the site. It was accomplished through the collection, identification, and disposal of contaminated soil, debris, and wastes followed by site restoration.

5.0 REFERENCES

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- MSG. 2019. Unpublished Site Investigation Findings for Abandoned Mining Wastes Torch Lake Non-Superfund Site, Quincy Mining Company Portage Operations Area, Houghton County, Michigan included in the EPA Referral Package. September.
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- Michigan Department of Health and Human Services (MDHHS). 2019. Julio Properties Public Health Hazard Determination. September.
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Western Upper Peninsula Health Department (WUPHD). 2019. Julio Scrapyards in Ripley Advisory. September 9.

WUPHD. 2020a. Julio Scrapyards in Ripley Advisory Re-issuance. May 7.

WUPHD. 2020b. Electronic Mail Regarding Agreement with for Trail Plan Crossing Julio Properties. From WUPHD Environmental Health Director Tanya Rule. To Jeff Kakuk MDNR Trails Specialist. June 11.

WUPHD. 2020c. Letter Regarding Approval of MDNR Interim Response Actions for Ripley ORV Trail. From WUPHD Environmental Health Director Tanya Rule. To Jeff Kakuk MDNR Trails Specialist. August 4.

WUPHD. 2020d. Lifting of Advisory for Julio Scrapyards in Ripley. July 24.

APPENDIX A
FIGURES

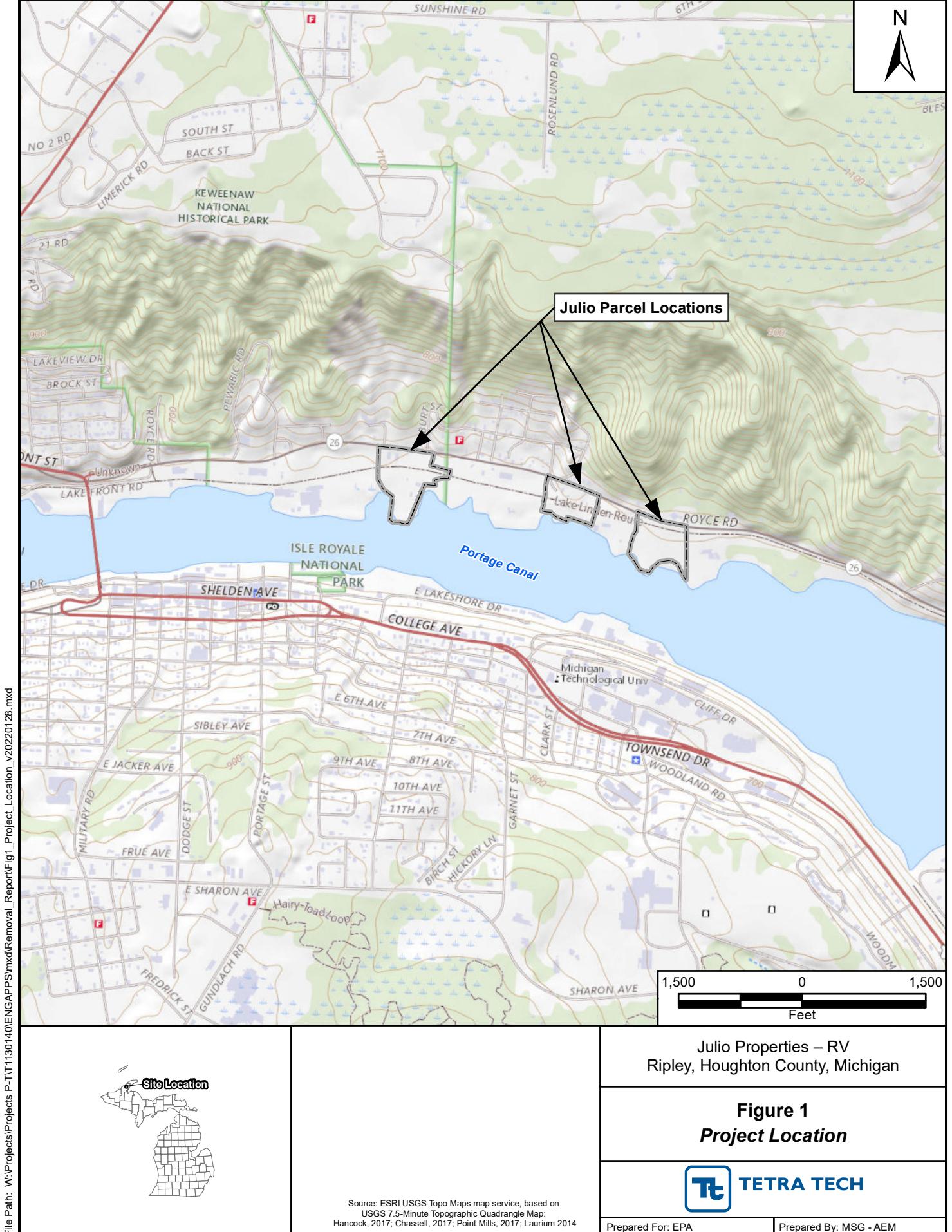
Figure 1 – Project Location

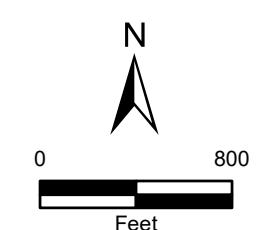
Figure 2 – Area Features Map

Figure 3 – Removal Actions Completed in 2021 (Julio Salvage)

Figure 4 – Pre (2019) and Post (2021) Interim Responses and Removal Action (Julio Salvage)

Figure 5 – Removal Actions Completed in 2021 (Julio Scrap Yard & Tower)





Julio Properties - RV
Ripley, Houghton County, Michigan

Figure 2
Area Features Map

TETRA TECH

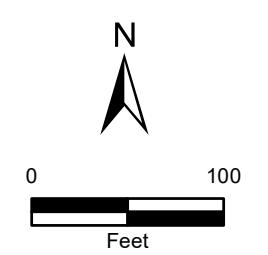


- File Path: W:\Projects\Projects\PTT1130140\ENGAP\PSmldRemoval_Report\Fig3_JulieSalvage_ActionsCompleted_v20220204.mxd
- MDNR Designated Trail
 - MDNR Installed Fencing
 - MDNR Installed Gate
 - MDNR Installed Fencing
 - MDNR Property
 - Approximate Parcel Boundary
 - ◆ Air Monitoring Station
 - ◆ Encapsulated On-Site Asbestos Containing Equipment
 - ◆ Priority Areas
 - ◆ Soil/Waste Removed, Disposed, and Gravel Cover
 - ◆ Soil/Waste Removed, Disposed, and Vegetative Cover
 - ◆ Surficial Debris/Soil Piles Removed and Disposed
 - ◆ Soil/Waste Removed, Disposed, and Vegetative Cover

2021 Removal Action Notes:

- Parcel owner cleared Areas 1, 2, and 7 of abandoned containers and scrap metal and Areas 1 and 2 of trees, and scraped surficial debris/soil in Area 7 into piles.
- Michigan Department of Natural Resources (MDNR) graded and graveled the designated trail, and installed fencing and signage directing trail users to stay on the designated trail.
- EPA completed the following in Areas 1, 2, and 7:
 - Removed and disposed mercury and polychlorinated biphenyl containing equipment;
 - Removed and disposed soil/waste in Area 1, and placed gravel cover as indicated by red hatching;
 - Removed and disposed soil/waste in Area 2 and placed vegetated cover as indicated by yellow hatching;
 - Removed and disposed surficial debris/soil piles created by parcel owner in Area 7 indicated by purple hatching;
 - Removed and disposed soil/waste in other areas and placed vegetated cover as indicated by blue hatching;
 - Encapsulated on-site asbestos containing equipment; and,
 - Placed vegetated cover as buffer along MDNR designated trail in Areas 1 and 2.

Base Aerial Photograph: Updated 26 June 2019
Underlying Imagery: Michigan Imagery Solution (Houghton - 2018)



Julio Properties - RV
Ripley, Houghton County, Michigan

Figure 3
Removal Actions Completed in 2021
(Julie Salvage)



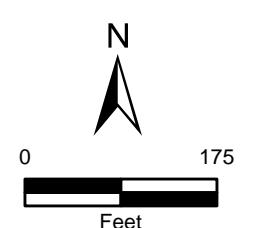
Prepared For: EPA

Prepared By: MSG-AEM



- MDNR Designated Trail
- Priority Areas
- Surficial Debris/Soil Piles Removed and Disposed

- 2019 Imagery collected by The Mannik and Smith Group on 6/26/2019
- 2021 Imagery collected by EGLE GSS on 9/29/2021
- Background Image Source: Michigan Imagery Solution (Houghton - 2018)



Julio Properties - RV
Ripley, Houghton County, Michigan

Figure 4

Pre (2019) and Post (2021) Interim Responses
and Removal Action (Julio Salvage)



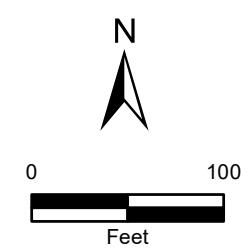


→ MDNR Designated Trail
■ MDNR Property
■ Approximate Parcel Boundary

■ Covered
■ Soil/Waste Removed, Disposed, and Vegetative Cover

2021 Removal Action Notes:

- Michigan Department of Natural Resources (MDNR) graded and gravelled the designated trail.
- Parcel owner cleared berm and tank car areas of abandoned containers, scrap materials, and trees.
- EPA completed the following:
 - Placed vegetated cover over berm as indicated by yellow hatching;
 - Removed and disposed soil near tank car and placed vegetated cover as indicated by blue hatching; and,
 - Decommissioned the tank car including removal and disposal of contents, cleaning, and rendering unusable.



Julio Properties - RV
Ripley, Houghton County, Michigan

Figure 5
*Removal Actions Completed in 2021
(Julio Scrap Yard & Tower)*

TETRA TECH

Prepared For: EPA | Prepared By: MSG-AEM

APPENDIX B
TABLES

Table 1 – Perimeter Air Sampling Results – Asbestos Summary Table

Table 2 – Perimeter Air Sampling Results – Metals Summary Table

TABLE 1
PERIMETER AIR SAMPLING RESULTS – ASBESTOS SUMMARY TABLE
JULIO PROPERTIES SITE - RV

Sample I.D.	Analysis	Collection Date	Work Order Number	Results (fiber/cc)	Air Volume (L)	Location
JP-AAS-H-BG1-071421	NIOSH 7400 - PCM (Asbestos)	7/14/2021	042117909	<0.0005	4967	Background 1 - Air Monitoring Station #1
JP-AAS-L-BG1-071421	NIOSH 7400 - PCM (Asbestos)	7/14/2021	--	--	--	
JP-AAS-H-BG2-071421	NIOSH 7400 - PCM (Asbestos)	7/14/2021	042117909	<0.0005	4967	Background 2 - Air Monitoring Station #2
JP-AAS-L-BG2-071421	NIOSH 7400 - PCM (Asbestos)	7/14/2021	--	--	--	
JP-AAS-H-BG3-071421	NIOSH 7400 - PCM (Asbestos)	7/14/2021	042117909	0.0007	4832	Background 3 - Air Monitoring Station #3
JP-AAS-L-BG3-071421	NIOSH 7400 - PCM (Asbestos)	7/14/2021	--	--	--	
JP-AAS-H-BG4-071421	NIOSH 7400 - PCM (Asbestos)	7/14/2021	042117909	<0.0006	4818	Background 4 - Air Monitoring Station #4
JP-AAS-L-BG4-071421	NIOSH 7400 - PCM (Asbestos)	7/14/2021	--	--	--	
JP-FB2-071421	NIOSH 7400 - PCM (Asbestos)	7/14/2021	042117909	NA	--	Field Blank
JP-AAS-H-DW-071521	NIOSH 7400 - PCM (Asbestos)	7/15/2021	042117909	<0.0006	4181	Downwind
JP-AAS-L-DW-071521	NIOSH 7400 - PCM (Asbestos)	7/15/2021	--	--	--	
JP-AAS-H-UW-071521	NIOSH 7400 - PCM (Asbestos)	7/15/2021	042117909	0.0012	5203	Upwind
	NIOSH 7402 - TEM (Asbestos)			<0.0005		
JP-AAS-L-UW-071521	NIOSH 7400 - PCM (Asbestos)	7/15/2021	--	--	--	
JP-AAS-H-CW1-071521	NIOSH 7400 - PCM (Asbestos)	7/15/2021	042117909	0.0012	4583	Crosswind 1
	NIOSH 7402 - TEM (Asbestos)			<0.0006		
JP-AAS-L-CW1-071521	NIOSH 7400 - PCM (Asbestos)	7/15/2021	--	--	--	
JP-AAS-L-CW2-071521	NIOSH 7400 - PCM (Asbestos)	7/15/2021	042117909	<0.0007	4053	Crosswind 2
JP-FB2-071521	NIOSH 7400 - PCM (Asbestos)	7/15/2021	--	--	--	
JP-AAS-H-DW-071621	NIOSH 7400 - PCM (Asbestos)	7/16/2021	042117909	0.0012	4302	Downwind
	NIOSH 7402 - TEM (Asbestos)			<0.0006		
JP-AAS-L-DW-071621	NIOSH 7400 - PCM (Asbestos)	7/16/2021	--	--	--	
JP-AAS-H-UW-071621	NIOSH 7400 - PCM (Asbestos)	7/16/2021	042117909	<0.0008	3289	Upwind
JP-AAS-L-UW-071621	NIOSH 7400 - PCM (Asbestos)	7/16/2021	--	--	--	
JP-AAS-H-CW1-071621	NIOSH 7400 - PCM (Asbestos)	7/16/2021	042117909	0.0009	4705	Crosswind 1
JP-AAS-L-CW1-071621	NIOSH 7400 - PCM (Asbestos)	7/16/2021	--	--	--	
JP-AAS-H-CW2-071621	NIOSH 7400 - PCM (Asbestos)	7/16/2021	042117909	<0.0007	3748	Crosswind 2
JP-AAS-L-CW2-071621	NIOSH 7400 - PCM (Asbestos)	7/16/2021	--	--	--	
JP-FB2-071621	NIOSH 7400 - PCM (Asbestos)	7/16/2021	042117909	NA	--	Field Blank
JP-AAS-H-DW-071721	NIOSH 7400 - PCM (Asbestos)	7/17/2021	042117909	<0.0008	3258	Downwind
JP-AAS-L-DW-071721	NIOSH 7400 - PCM (Asbestos)	7/17/2021	--	--	--	
JP-AAS-H-UW-071721	NIOSH 7400 - PCM (Asbestos)	7/17/2021	042117909	0.0014	3165	Upwind
	NIOSH 7402 - TEM (Asbestos)			<0.0009		
JP-AAS-L-UW-071721	NIOSH 7400 - PCM (Asbestos)	7/17/2021	--	--	--	
JP-AAS-H-CW1-071721	NIOSH 7400 - PCM (Asbestos)	7/17/2021	042117909	<0.0008	3211	Crosswind 1
JP-AAS-L-CW1-071721	NIOSH 7400 - PCM (Asbestos)	7/17/2021	--	--	--	
JP-AAS-H-CW2-071721	NIOSH 7400 - PCM (Asbestos)	7/17/2021	042117909	<0.0007	3982	Crosswind 2
JP-AAS-L-CW2-071721	NIOSH 7400 - PCM (Asbestos)	7/17/2021	--	--	--	
JP-FB2-071721	NIOSH 7400 - PCM (Asbestos)	7/17/2021	042117909	NA	--	Field Blank
JP-AAS-H-UW-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	162117704	<0.0006	4572	Upwind
JP-AAS-L-UW-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	--	--	--	
JP-AAS-H-DW-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	162117704	<0.0006	4524	Downwind
JP-AAS-L-DW-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	--	--	--	
JP-AAS-H-CW1-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	162117704	<0.0006	4559	Crosswind 1
JP-AAS-L-CW1-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	--	--	--	
JP-AAS-H-CW2-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	162117704	<0.0006	4501	Crosswind 2
JP-AAS-L-CW2-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	--	--	--	
JP-FB2-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	162117704	NA	--	Field Blank
JP-EB-080221	NIOSH 7400 - PCM (Asbestos)	8/2/2021	162117704	NA	--	Equipment Blank
JP-AAS-H-UW-080421	NIOSH 7400 - PCM (Asbestos)	8/4/2021	162117704	<0.0009	3063	Upwind
JP-AAS-L-UW-080421	NIOSH 7400 - PCM (Asbestos)	8/4/2021	--	--	--	
JP-AAS-H-DW-080421	NIOSH 7400 - PCM (Asbestos)	8/4/2021	162117704	<0.0007	3952	Downwind
JP-AAS-L-DW-080421	NIOSH 7400 - PCM (Asbestos)	8/4/2021	--	--	--	
JP-AAS-H-CW1-080421	NIOSH 7400 - PCM (Asbestos)	8/4/2021	162117704	<0.0006	4281	Crosswind 1
JP-AAS-L-CW1-080421	NIOSH 7400 - PCM (Asbestos)	8/4/2021	--	--	--	
JP-AAS-H-CW2-080421	NIOSH 7400 - PCM (Asbestos)	8/4/2021	162117704	0.0008	3796	Crosswind 2
JP-AAS-L-CW2-080421	NIOSH 7400 - PCM (Asbestos)	8/4/2021	--	--	--	
JP-FB2-080421	NIOSH 7400 - PCM (Asbestos)	8/4/2021	162117704	NA	--	Field Blank

Notes:

fiber/cc = fibers per cubic centimeter

JP = Julio Properties

L = Liter

NA = Not applicable

NIOSH = National Institute for Occupational Safety & Health

PCM = Phase Contrast Microscopy

TEM = Transmission Electron Microscopy

-- = Represents low volume asbestos cassettes that were not analyzed due to analysis that was run on high volume

Asbestos results were compared to the Site Action Level and Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) of 0.001 fiber/cc

Samples where PCM analytical results exceeded 0.001 fiber/cc were further analyzed for asbestos via NIOSH 7402 (TEM) to determine concentrations of airborne asbestos

BOLD indicates a detection above the laboratory reporting limit. No samples exceeded the Site Action Level or PEL for asbestos in air.

Air Sampling Technician: Ashley Miller

Date: 07/14/2021 - 07/17/2021, 8/2/2021, 8/4/2021

Primary Calibration: Bios Defender 510

TABLE 2
PERIMETER AIR SAMPLING RESULTS – METALS SUMMARY TABLE
JULIO PROPERTIES SITE - RV

Sample I.D.	Analysis	Collection Date	Work Order Number	Results ($\mu\text{g}/\text{m}^3$)	Reporting Limit ($\mu\text{g}/\text{m}^3$)	Air Volume (L)	Location
JP- MAS-BG1-071421	NIOSH 7300 (Arsenic)	7/14/2021	162116018	<0.030	0.030	1642	Background 1 - Air Monitoring Station #1
	NIOSH 7300 (Lead)	7/14/2021	162116018	<0.030	0.030		
JP- MAS-BG2-071421	NIOSH 7300 (Arsenic)	7/14/2021	162116018	<0.030	0.030	1642	Background 2 - Air Monitoring Station #2
	NIOSH 7300 (Lead)	7/14/2021	162116018	<0.030	0.030		
JP- MAS-BG3-071421	NIOSH 7300 (Arsenic)	7/14/2021	162116018	<0.031	0.031	1593	Background 3 - Air Monitoring Station #3
	NIOSH 7300 (Lead)	7/14/2021	162116018	<0.031	0.031		
JP- MAS-BG4-071421	NIOSH 7300 (Arsenic)	7/14/2021	162116018	<0.031	0.031	1602	Background 4 - Air Monitoring Station #4
	NIOSH 7300 (Lead)	7/14/2021	162116018	<0.031	0.031		
JP- FB1-071421	NIOSH 7300 (Arsenic)	7/14/2021	162116018	<0.050	0.050	0.0	Field Blank
	NIOSH 7300 (Lead)	7/14/2021	162116018	<0.050	0.050		
JP- MAS-DW-071521	NIOSH 7300 (Arsenic)	7/15/2021	162116018	<0.028	0.028	1762	Downwind
	NIOSH 7300 (Lead)	7/15/2021	162116018	<0.028	0.028		
JP- MAS-UW-071521	NIOSH 7300 (Arsenic)	7/15/2021	162116018	<0.030	0.030	1678	Upwind
	NIOSH 7300 (Lead)	7/15/2021	162116018	<0.030	0.030		
JP- MAS-CW1-071521	NIOSH 7300 (Arsenic)	7/15/2021	162116018	<0.029	0.029	1734	Crosswind 1
	NIOSH 7300 (Lead)	7/15/2021	162116018	<0.029	0.029		
JP- MAS-CW2-071521	NIOSH 7300 (Arsenic)	7/15/2021	162116018	<0.029	0.029	1722	Crosswind 2
	NIOSH 7300 (Lead)	7/15/2021	162116018	<0.029	0.029		
JP- FB1-071521	NIOSH 7300 (Arsenic)	7/15/2021	162116018	<0.050	0.050	0.0	Field Blank
	NIOSH 7300 (Lead)	7/15/2021	162116018	<0.050	0.050		
JP- MAS-DW-071621	NIOSH 7300 (Arsenic)	7/16/2021	162116018	<0.028	0.028	1761	Downwind
	NIOSH 7300 (Lead)	7/16/2021	162116018	0.13	0.028		
JP- MAS-UW-071621	NIOSH 7300 (Arsenic)	7/16/2021	162116018	<0.027	0.027	1829	Upwind
	NIOSH 7300 (Lead)	7/16/2021	162116018	<0.027	0.027		
JP- MAS-CW1-071621	NIOSH 7300 (Arsenic)	7/16/2021	162116018	<0.027	0.027	1829	Crosswind 1
	NIOSH 7300 (Lead)	7/16/2021	162116018	0.041	0.027		
JP- MAS-CW2-071621	NIOSH 7300 (Arsenic)	7/16/2021	162116018	<0.029	0.029	1705	Crosswind 2
	NIOSH 7300 (Lead)	7/16/2021	162116018	<0.029	0.029		
JP- FB1-071621	NIOSH 7300 (Arsenic)	7/16/2021	162116018	<0.050	0.050	0.0	Field Blank
	NIOSH 7300 (Lead)	7/16/2021	162116018	<0.050	0.050		
JP- MAS-DW-071721	NIOSH 7300 (Arsenic)	7/17/2021	162116018	<0.039	0.039	1292	Downwind
	NIOSH 7300 (Lead)	7/17/2021	162116018	<0.039	0.039		
JP- MAS-UW-071721	NIOSH 7300 (Arsenic)	7/17/2021	162116018	<0.037	0.037	1347	Upwind
	NIOSH 7300 (Lead)	7/17/2021	162116018	0.058	0.037		
JP- MAS-CW1-071721	NIOSH 7300 (Arsenic)	7/17/2021	162116018	<0.037	0.037	1357	Crosswind 1
	NIOSH 7300 (Lead)	7/17/2021	162116018	<0.037	0.037		
JP- MAS-CW2-071721	NIOSH 7300 (Arsenic)	7/17/2021	162116018	<0.038	0.038	1307	Crosswind 2
	NIOSH 7300 (Lead)	7/17/2021	162116018	<0.038	0.038		
JP- FB1-071721	NIOSH 7300 (Arsenic)	7/17/2021	162116018	<0.050	0.050	0.0	Field Blank
	NIOSH 7300 (Lead)	7/17/2021	162116018	<0.050	0.050		
JP- MAS-DW-080221	NIOSH 7300 (Lead)	8/2/2021	162117694	<0.033	0.033	1491	Downwind
JP- MAS-UW-080221	NIOSH 7300 (Lead)	8/2/2021	162117694	<0.034	0.034	1514	Upwind
JP- MAS-CW1-080221	NIOSH 7300 (Lead)	8/2/2021	162117694	<0.034	0.034	1492	Crosswind 1
JP- MAS-CW2-080221	NIOSH 7300 (Lead)	8/2/2021	162117694	<0.035	0.035	1440	Crosswind 2
JP- FB1-080221	NIOSH 7300 (Lead)	8/2/2021	162117694	<0.050	0.050	0.0	Field Blank
JP- EB-080221	NIOSH 7300 (Lead)	8/2/2021	162117694	<0.050	0.050	0.0	Equipment Blank
JP- MAS-DW-080421	NIOSH 7300 (Lead)	8/4/2021	162117694	<0.029	0.029	1826	Downwind
JP- MAS-UW-080421	NIOSH 7300 (Lead)	8/4/2021	162117694	0.031	0.027	1751	Upwind
JP- MAS-CW1-080421	NIOSH 7300 (Lead)	8/4/2021	162117694	<0.028	0.028	1787	Crosswind 1
JP- MAS-CW2-080421	NIOSH 7300 (Lead)	8/4/2021	162117694	0.064	0.027	1852	Crosswind 2
JP- FB1-080421	NIOSH 7300 (Lead)	8/4/2021	162117694	<0.050	0.050	0.0	Field Blank

Notes:

JP = Julio Properties

L = Liter

$\mu\text{g}/\text{m}^3$ = microgram per cubic meter

NIOSH = National Institute for Occupational Safety & Health

Lead results were compared to EPA Residential Regional Screening Level (RSL) for lead in air = $0.15\mu\text{g}/\text{m}^3$. No exceedances were identified.

BOLD indicates a detection above the laboratory reporting limit

Air Sampling Technician: Ashley Miller

Date Sampled: 7/14/2021 - 7/17/2021, 8/2/2021, 8/4/2021

Primary Calibration: Bios Defender 520

APPENDIX C
PHOTOGRAPHIC DOCUMENTATION LOG



Photographic Documentation

Client: EPA

Site Name: Julio Properties - RV

Location: Ripley, Houghton County, Michigan

Prepared by: Danielle Pilarski

TO-TOLIN: F0032-0001BH101

Dates: July 2019 – October 2021

Photograph No. 1

Date: 7/19/2021

Description:

View looking west of scraping contaminated soil removal along the north edge of the MDNR trail through the Julio Salvage parcel.



Photograph No. 2

Date: 7/20/2021

Description:

View looking northwest of the north edge of the MDNR trail through the Julio Salvage parcel following removal of the contaminated soil and restoration.





Photographic Documentation

Client: EPA

Site Name: Julio Properties - RV

Location: Ripley, Houghton County, Michigan

Prepared by: Danielle Pilarski

TO-TOLIN: F0032-0001BH101

Dates: July 2019 – October 2021

Photograph No. 3

Date: 7/22/2021

Description:

View looking west of removal activities in Area 1 of Julio Salvage parcel including wetting and soil and debris excavation and consolidation for transportation and disposal.



Photograph No. 4

Date: 8/7/2021

Description:

View looking south of gravel placement in the northeast corner of Area 1 of Julio Salvage parcel as part of site restoration.





Client: EPA

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Photographic Documentation

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TO-TOLIN: F0032-0001BH101

Dates: July 2019 – October 2021

Photograph No. 5

Date: 7/9/2019

Description:

View looking southeast at Area 1 of the Julio Salvage parcel during the early stages of the property owner's interim activities, and prior to EPA removal activities.



Photograph No. 6

Date: 8/26/2021

Description:

View looking southeast at Area 1 of the Julio Salvage parcel following removal of contaminated soil and debris, and site restoration.





Client: EPA

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TO-TOLIN: F0032-0001BH101

Dates: July 2019 – October 2021

Photograph No. 7

Date: 7/11/2019

Description:

View looking southwest at Area 2 of the Julio Salvage parcel prior to property owner interim activities and EPA removal activities.



Photograph No. 8

Date: 10/14/2021

Description:

View looking southeast at Area 2 of the Julio Salvage parcel following removal of contaminated soil and debris, and site restoration.





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Dates: July 2019 – October 2021

Photograph No. 9

Date: 7/28/2021

Description:

View looking south at the berm on the Julio Scrap Yard and Tower parcel at the start of covering.



Photograph No. 10

Date: 8/3/2021

Description:

View looking east at the berm on the Julio Scrap Yard and Tower parcel following covering.





Client: EPA

Site Name: Julio Properties - RV

Location: Ripley, Houghton County, Michigan

Photographic Documentation

Prepared by: Danielle Pilarski

TO-TOLIN: F0032-0001BH101

Dates: July 2019 – October 2021

Photograph No. 11

Date: 8/18/2021

Description:

View of the tank car on the Julio Scrap Yard & Tower parcel during decommissioning.



Photograph No. 12

Date: 8/20/2021

Description:

View looking north at the tank car on the Julio Scrap Yard & Tower parcel which was tipped on its side and left in place after decommissioning and removal of contaminated soils from beneath the tank car's leaking valve.



APPENDIX D
START LOGBOOK NOTES



START FIELD LOGBOOK

Logbook Tracking Number TCV006

Site Name Julie Properties RV

Issue to Jeffrey S. Binkley

Date Issued 10-6-2020

TO-TOLIN # F0032-0001BH101



RiteintheRain.com

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TUESDAY 07/13/2021

0700 - EPA: BRIAN KELLY, START ASHLEY MILLER, KEARL SCHULZ, EQM BILL POMA, AND 4 OPERATORS/LABURERS ONSITE. REVIEW HEALTH AND SAFETY, WILL CONTINUE W/ SITE MWS, START, MOVING TRAILERS, CONNECTIVITY SITE SIGHTING THROUGHOUT THE DAY, EQUIPMENT DELIVERIES.

START TO SET UP / TROUBLESOME VIPER 1730 QAM, EPA OFFSITE, START ONSITE TO CONNECT VIPER HUB —

1830 START OFFSITE — ~~1830~~

WEDNESDAY 07/14/2021

0700 - EPA, EQM, START ONSITE FOR HEALTH & SAFETY; DISCUSSES TRAIL TRAFFIC, ACCESS, SLIP/TRIPS, FAZES, PLAN FOR DAY - START DIGGING 10AM. BACKGROUND AIR MONITORING STARTS DEPLAUS AIR MONITORING STATIONS AT THREE LOCATIONS

AMS-01 0823

AMS-02 0820

AMS-03 0835

ALL AMS EQUIPPED W/ DUSTTRAK DEX FOR PARTICULATES,

WEDNESDAY 07/14/2021³

GILLIAN LOW FROM PMP - ASBESTOS

GILLIAN LOW FROM PMP - METALS

AIRCON 2 - HIGH VOLUME - ASBESTOS

VIPER RUN STARTED - 0839

AMS 01 NOT DEPLOYED DUE TO MISSING SERIAL CABLE,

INCORRECT VINCIMON CONFIG.

0915 START DELINEATES REMAIN AREA IN WOE FOR PCB REMOVAL
EQM DIGS TO TWO FEET IN AREA APPROX. 50' X 50' - AREA DELINEATED BASED ON PREVIOUS SAMPLES AND PROPOSED AREA EXTEND.

0945 EQM REMOVES TIRES FROM GROUNDFLOOR FROM AREA 1.

STOCKPILE W/ TIRE PILE

1030 EQM ENCOUNTERS WATER AT ABOUT TWO FEET IN REMOVAL AREA. —

1215 EPA BL OFFSITE

1230 START DRIVES HOSPITAL ROUTE, EQM TO LUNCH.

1330 START, EQM ONSITE, EQM CONTINUES REMOVING PCB

RoberthRan

WED. 07/14/2021

SDIL FROM LOBE, STOCKPILES IN AREA 1. EAM USES MINI EXCAVATOR AND SKID STEER TO REMOVE DEBRIS FROM ~~(R)~~ SCRAP METAL FROM AREA 1.

7500 SDIL TROUBLE SHOT Viper. SET UP - INCORRECT LINC/MODem CONFIG

START PULLS AMS -

AMS01 1640

AMS02 1634

AMS03 1637, END VIPER RUN

START RECORDS BACKGROUNDSAMPLES, SAMPLES STORED AT AMS01

1730 EAM OFF-SITE, START COV TROUBLE SHOOTING VIPER - 4 STATION

1800 START OFF-SITE ~~ACO~~

THURS. 07/15/2021

0700 - EAM, START ONSITE, BILLIARD HOLDS TRAILER HFS MEETING DISCUSSES TRAIL TRAFFIC REMINDER, PLAN - CONTINUE REMOVING/STACK PILING PCB SOIL FROM SCENE TO AREA 1, REMOVING SCRAP. PLACEMENT DRUMS OF LEAD/NICKEL BATTERIES

THURS 07/15/2021

START DEPLOY AMS

AMS01 0810 AMS04 SAMPLES

AMS02 0802 DEPLOYED - ~~AM~~

AMS03 0758 AT 0815

VIPER RUN START 0813

EAM PERSONNEL AIR MONITORING

0820 LABORER EJAHAN - LEAD TM METALS

0822 LABORER A - ASBESTOS

0824 OPERATE MARK - ONE TIME

0824 OPERATE PITT - ASBESTOS

1020 JEFF KACUK - DIADE ONSITE

1025 EPA BC ONSITE, JEFF BANKUEY

MISH ONSITE, WALK SITE, REPAIR

UMBRS TREES IN AREA 2

FOR ACCESS.

1200 EAM BREAKS FOR LUNCH

MISH JB OFF-SITE

1300 EAM ONSITE FROM LUNCH -

EAM CONTAMINATES PCB CARS AND BATTERIES - 4 DRUMS TOTAL

EAM CONTINUES REMOVING IMPACTED

SOIL FROM EAST SIDE OF

AREA 1, STOCKPILING TO WEST OF

PROP.

EAM CONTINUES PULLING SCRAP

Rainy Rain

THURS 07/15/2021

AND DEBRIS FROM PILES - CONCRETE
MOMENT, TREES, WRECKAGE MATERIALLY
AND ACCESS ROADS AS NEEDED.
START PILES AIR STATIONS -
AMS01 1638
AMS02 1642
AMS03 1648
AMS04 1650

EAM PERSONNEL AIR PUMPS OFF
AT 1644 BETWEEN 1708 AND 1727, SEE SITE WORKERS
1730 EAM, START OFFSITE, SITE
SECURED

FRIDAY 07/16/2021

0700 EAM, EPA, START AMSITE BILL
EAM HOLDS IT'S MEETING,
CONTINUE TO WATCH FOR EQUITY
TRAFFICONSITE AND ON TRAIN
START DEPLOYS AMS -

AMS01 0810

AMS02 0802

AMS03 0758

AMS04 0815 (NO DUSTTRAC)

EAM PERSONNEL PUMPS -

OPERATOR PUTT-LEAD AT 0818

OPERATOR MARK-^{NSCSRP}~~LEAD~~ AT 0818

FRIDAY 07/16/2021

LABOUR & ASBESTOS AT 0821
LABOUR ETHAN LEAD AT 0918
EAM CONTINUES EXCAVATION IN
AREA 1 TO 12 FEET USING
EXCAVATOR AND PILES COMBINE
TO STOCKPILE. MINI EXCAVATOR
AND SKIDSTEER USED TO REMOVE
LARGE DEBRIS/SCRAP FROM
SITE -

1000 EAM SETS UP EXCAVATION ZONE
EXIT AT SCALE NEAR AMS01

1200 EAM BREAKS FOR LUNCH

1245 EAM BACK TO EXCAVATION ZONE
CONTINUES SCRAPPING AREA 1, SOUTHERN
OUTLINE DEBRIS

START DEPLOYS AMS04-DUSTTRAC
AT 1637.

1445 SAND IS DELIVERED TO BACK
FILL AREA ON SOUTHERN LINE
THAT WAS EXCAVATED

1600 EAM CONTINUES WORK IN AREA 1
START PILES AIR STATIONS

AMS01 @ 1703, AMS02 @ 1713, AMS03 @ 1710

AMS04 @ 1645-

1730 EAM, EPA, START OFFSITE

Rite in the Rain

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SATURDAY 07/17/2021

0700 EPA, CBM, START ONSITE
 BILL CBM HOLDS HIS TRAILGATE - DISCUSSES
 TRAIL TRAFFIC ON SATURDAY. CBM
 WILL CONTINUE REMOVAL IN
 AREA 1 AND STOCKPILES —
 START DEPCOMS AIR MONITORING
 STATIONS

AMSO1 0759

AMSO2 0750

AMSO3 0813

AMSO4 0805

0830 CBM WORKS IN AREA 1, STOCKPILES
 IMPACTED SOIL & UCTS PILLS, ROADS,
 EXCAVATION AREA AS NEEDED. —

0945 CBM SORTS LARGE DEBRIS/WOOD/
 SCAB FROM AREA 2. —

1100 CBM REMOVES TREES FROM TEXTILE
 NORTH OF TRAIL, STOCK PILES TREES

1200 CBM BREAKS CONCRETE —

1230 CBM RESUMES WORK
 CONTINUES STOCKPILING DEBRIS IN
 AREA 1, USES SPRAY FOAM TO ENCAS-
 EATE INCINERATOR ON SIDEROUTE.

START PULLS AIR STATIONS

AMSO1 @ 1445 AMSO2 @ 1439

AMSO3 @ 1443 AMSO4 @ 1436

SATURDAY 07/17/2021 9

1530 CBM, EPA, START OFFSITE

—

MONDAY, 07/19/2021

0700 CBM, EPA, START ONSITE,
 BILL CBM HOLDS HIS MEETING,

DISCUSSES START STRESS/EXHAUSTION
 PLAN. - CBM WILL REMOVE IMPACTED
 SOIL FROM NORTH OF TRAIL

START DEPCOMS AIR MONITORING
 STATIONS AMSO1 @ 0734,
 AMSO2 @ 0741 AMSO3 @ 0744

AMSO4 @ 0752

0755 CBM STARTS REMOVAL OF
 SOIL NORTH OF TRAIL TO ONE FOOT.

STOCKPILES MATERIAL IN AREA 1

1030 CBM COMPUTES SOIL REMOVAL
 FROM NORTH OF TRAIL. BEGINS

BACKFILLING w/ TOPSOIL DELIVERIES

1200 CBM BREAKS FOR LUNCH.

1230 CBM RESUMES WORK. CONTINUES
 BACKFILLING AREA NORTH OF

TRAIL AND AREA SOUTH ON
 SIDEROUTE AS TRUCKS DELIVER TOPSOIL.

1430 CBM SCRAPS AROUND MDNR
 TRAIL AGAIN IN AREA 1

Rite in the Rain

MONDAY, 07/19/2021

1530 - CDM USES SEED SPREADER TO
SMOOTH BACKFILLED AREA
NORTH OF TRAIL.

START PULLS AIR MONITORING
STATIONS

AMSO1@

AMSO2@

AMSO3@

AMSO4@

1730 EPA, EBM, START OFFSITE
SITE SECURED ——————

TUESDAY, 07/20/2021

0700 EPA, EBM, START ONSITE
BILL EBM HEDS HES MEETING,
WITNESS AGENT OF WORK TO
KEEP DUST DOWN. PLAN FOR
PM - CONTINUE STOCKPILING IN
AREA 1. COMPLETE RESTORATION
ON TRAIL NORTH OF TRAIL.

START DEPLOYS AIR MONITORING
STATIONS - AMSO1@ 0800

AMSO2@ 0759 AMSO3@ 0749
AMSO4@ 0757

0800 - EBM USES HAND TOOLS TO
RESTORE AREA NORTH OF TRAIL,
SEEDS W/ GRASS SEED.

0815 CDM USES EXCAVATOR (AM)

TUESDAY, 07/20/2021

FRONT LOADER TO MOVE MATERIAL
FROM EAST-SOUTH POSITION AND
ACROSS TO STOCKPILE

1200 CDM SPREADS FINE LIMESTONE

1230 CDM FUSIONES WORK IN
AREA MOVING SOIL EXCAVATED
TO STOCKPILE

1430 START OBSERVES INCREASE
IN PARTICULATE MONITORING AT
STATION 4 - NOTIFIES CDT
MAP EBM FOR DUST CONTROL

EBM CONTINUOUSLY WET
MATERIAL BEING REMOVED

START REMOVES AIR STATIONS

AMSO1@ 1655 AMSO2@ 1658

AMSO3@ 1700 AMSO4@ 1703

1730 EPA, EBM, START OFFSITE
SITE SECURED ——————

WEDNESDAY, 07/21/2021

0700 EPA, EBM, START ONSITE
BILL EBM HEDS HES MEETING
DISCUSSES WITNESS MATERIAL
FOR DUST CONTROL.

START DEPLOYS AIR MONITORING

RECORDED

WEDNESDAY 07/21/2021

AMS01 @ 0742 AMS02 @ 0746
 AMS03 @ 0752 AMS04 @ 0800
 0830 E&M CONTINUES EXCAVATING
 SOIL FROM SOUTHERN PORTION
 OF AREA 1 USING EXCAVATOR,
 STOCKPILING IN AREA 1
 USES MINI EXCAVATOR/ SKIDSTEER
 TO MOVE LARGE DEBRIS
 OUT OF REMOVAL SOIL - WELDING
 CONCRETE.
 1000 JET-ROCKET OFF SITE TO
 MEET w/ EPA BOATING OFFSITE
 AT ~1045.

1230 E&M BREAKS FOR LUNCH -
 1300 E&M RESUMES WORK - CONTINUES
 SCRAPPING AREA 1 SOUTHERN PORTION
 ADDING MATERIAL TO STOCKPILE
 SCRAPING AND DEBRIS, LARGE
 CONCRETE, SCRAP METAL.
 START PULLS AIR MONITORING
 STATIONS AMS01 @ AMS02 @
 AMS03 @ AMS04 @
 1730 - EPA, E&M, START OFFSITE,
 SITE SECURED

THURSDAY 07/22/2021

0700 CPT. EDM. START ONSITE;
 BILL COOM HODDS HEALTH &
 SAFETY - DISCUSSES POTENTIAL
 FOR THUNDERSTORMS TOMORROW
 PLANS TO CONSOLIDATE STOCKPILES,
 START SCRAPPING AREA 2.
 START DEPLOYS AIR MONITORING
 STATIONS - AMS01 @ 0810 AMS02 @ 0809
 AMS03 @ 0807 AMS04 @ 0805
 0815 E&M CONSOLIDATES STOCKPILE
 IN AREA 1 - MOVES LARGE DEBRIS
 OUT
 1200 E&M BREAKS FOR LUNCH. —
 1230 E&M RESUMES WORK. —
 1300 E&M SCRAPS AREA 2 - EAST
 END OF MAND PROPERTY, STOCK
 PILES MATERIAL IN AREA 1
 MOVES CONCRETE OUT OF PILES
 FOR DISPOSAL. —
 START PULLS AIR STATIONS
 AMS01 @ 1643 AMS02 @ 1645
 AMS03 @ 1647 AMS04 @ 1649
 1730 EPA, E&M, START OFFSITE,
 SITE SECURED.

14

FRIDAY 07/23/2021

0700 - COM. EPA, START ONSITE, BILL EGM HOLDS HIS RECENTLY DISCUSSED POTENTIAL INCOMING WORKERS WEEKEND TRAIL TRAFFIC, WILL CONTINUE EXCAVATION IN AREA 2.
0750 EPA - ISK OFF SITE

START DEBRIS PREMONITORING STATIONS AMSO1 @ 0758 AMSO2 @ 0759
AMSO3 @ 0752 AMSO4 @ 0750
0810 EGM CONTINUES SCRAPING AREA 2 AT EXCAVATOR, USING FRONT LOADER TO STACK PILE MATERIAL IN AREA 1, SORTING LARGE DEBRIS LIKE CONCRETE, TIMBER

1015 EGM RAVES STEPS SOUTHERN AREA OF PCB REMOVAL.

1230 EGM BREAKS FOR LUNCH

BW COM RESUMES WORK, EXCAVATION IN AREA 2 ~ 6IN - 1 FOOT PER SEC, STOCKPILING IN AREA 1
EGM USES ADDITIONAL TOPSOIL TO SPREAD IN AREA OF MINOR PROPERTY SCRAPPING

START PULLS AIR STATIONS

AMSO1 @ 1618 AMSO2 @ 1620

15

FRIDAY

07/23/2021

15

AMSO3 @ 1628 AMSO4 @ 1632
1630 EGM START OFFSITE, SITE SECURED

MONDAY 07/26/2021

0700 EGM, START ONSITE, BILL EGM HOLDS THE LATE HEALTH & SAFETY MEETING - DISCUSS PLAN FOR DAY, FINISH EXCAVATION IN AREA 2, CLEAN UP CONCRETE IN AREA 1 (DEBRIS AROUND CONCRETE)
START DEBRIS PREMONITORING STATIONS AMSO1 @ 0818

AMSO2 @ 0816 AMSO3 @ 0815
AMSO4 @ 0813

0830 EGM MOVES DEBRIS FROM AREA 2, STOCKPILING IN AREA 1 MATERIAL.

0930 EGM USES EXCESS TOPSOIL TO COVER EASTERN SIDE OF AREA 2, USES HAND Rakes TO SPREAD.

1200 EGM BREAKS FOR LUNCH

1230 EGM RESUMES WORK
START MAKES PCB SOIL

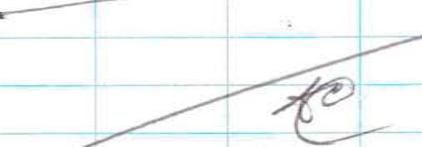
Rite in the Rain

MONDAY 07/26/2021

REMOVAL AREA AT 0710
 SCRAP YARD & TOWER INCIDING
 DETECTIONS AROUND TANK CAR.
 1330 EAM TRACKS EQUIPMENT
 TO SCRAP YARD & TOWER AREA
 1345 EAM USES EXCAVATOR, MINI
 EXCAVATOR AND PLOWLADDER

TO SCRAP IMPACTED SOIL FROM
 NEAR TANK CAR. MATERIAL
 IS SWEEPED AT AREA 1 STACK-
 PILE, VISIBLE SWEEPING OBSERVED
 TO APPROXIMATELY 10-12 INCHES,
 DIRECTLY IN FRONT OF TANKER.
 START PULLS AREA 1 STACKING
 STATIONS AMS01 @ 1508 AMS03 @ 1508
 AMS02 @ 1516 AMS01 @ 1518
 1600 EAM CONTINUES TO LOAD OUT
 TANKER CAR IMPACTED SOIL

EAM WORKING TO SPREAD TOPSOIL
 ON EASTERN PORTION OF AREA 2.
 1730 EAM, SITE OFFSITE, SITE
 SECURED



TUESDAY 07/27/2021

0900 CPA-BOTSM ~~EMERGENCY~~
 EAM START ONSITE, BILL CAME
 HODDS HFS MEETING - TRAIL
 TRAFFIC TRACKING DOWN
 TRAIL SHPS, TRIPS, PARKS,
 PUMPS - CONTINUE EXCAVATION
 TANKER AREA.

START DEPLOYED AIR MONITOR
 STATIONS AMS01 @ 0754
 AMS02 @ 0756 AMS03 @ 0758
 AMS04 @ 0801

0815 EAM MOBS TO SCRAP
 YARD & TOWER AREA, USES
 HAND TOOLS TO DIG OUT OILY
 MATERIAL FROM UNDER
 TANKER

1000 EAM COMPLETES SCRAPING
 NEAR TANKER, BRIAN DSC OFS
 BACKFILL. EAM USES TOPSOIL TO
 RESTORE AREA

1230 EAM BREAKS FOR LUNCH
 1300 EAM RESUMES WORK, BACKFILL
 AREA AT TANKER.

1330 EAM GRADES NEAR TRAIL
 IN AREA 1, ADDS TOPSOIL OVER

TUESDAY, 07/27/2021

AREA 1 USINGS SKIDSTEER —
EOM COMMENCES SACRIFICING AREA
NEMO TANK, EXCEPT UNDER VALUE.
1630 EAM BACKDRAWS NORTH
SIDE OF BERM FOR ACCESS
SMERI PULLS AND STATIONS
AMS01 @ AMS02
AMS03 @ AMS04 @
1730 EAM, EPA, START OFFSITE
SITE SECURED

WEDNESDAY 07/28/2021
0700 EAM, SMERI EPA B. NIGHTINGALE
ONSITE, BILL COM HODS HIS
MEETING. THUNDERSTORMS EXPECTED,
WHICH FUR WEATHER, SUDDEN STORMS
IN TO PLANNED ACTIVITIES- ADDING
TOPSOIL TO MEDIAN AREA IN
AREA 1, PER OSC RECOMMENDATION,
SMERI DRAWS OUT BERM AREA FOR CAPPING AT
SCRAP YARD & TOWER AREA, AIR
MONITORING NOT SET UP DUE TO
PLANNED ACTIVITIES AND PREDICTED
THUNDERSTORMS PER OSC NIGHTINGALE.
0800 EAM SPREADS TOPSOIL SOUTH
OF TRAIL MEAR AREA 1 TO CREATE

WEDNESDAY, 07/28/2021

MEDIAN SPREADS GRASS SEED
0840 EAM AT BERM AREA SPREADING
SEED, JULIA ON SITE WAS REMOVING
SCRAP, DEBRIS. FROM BERM AREA
EAM USES EXCAVATOR BUCKET
TO SMOOTH OUT BERM FOR
TOPSOIL PLACEMENT.

1030 EAM USES SKIDSTEER TO
PULL TOPSOIL IN MEDIAN
AREA NORTH ACROSS EDGE OF
AREA 1.

1200 EAM BREAKS FOR LUNCH
1230 EAM RESUMES LUNCH,
CONTINUES WORK IN MEDIAN
AND BERM AREA.

1430 EAM USES DRILL ATTACHMENT
ON SKIDSTEER TO BREAK UP
CONCRETE FOUNDATION IN
AREA 1. CONCRETE REBAR LEFT
BEHIND.

1730 EAM, EPA, SMERI OFFSITE
FOR NIGHT; SITE SECURED.

Ryan Schaefer

THURSDAY 07/29/2021

0900 EBM, EPA, SMERL ONSITE, BILL EBM HOLDS H&S MEETING. PRACTICE FOR CHANGING WEATHER, PLAN FOR DAY INCLUDES SHAPING BERM AREA.

SMERL DEPLOYS AIR MONITORING STATIONS AMS01 @ 0809 AMS02 @ 0802 AMS03 @ 0755 AMS04 @ 0750
0830 EBM AND PICKS DEBRIS IN TOWNE AREA OUTSIDE OF BERM AND AROUND DNR PROPERTY, USES SAW-ZALL TO CUT WIRE FROM PITS. CONTINUES SHAPING BERM, w/ EXCAVATOR BUCKET.
1200 EBM BREAKS FOR LUNCH
1200 EBM FINISHES RESUMED WORK, TOPSOIL DELIVERED TO TOWNE AREA FOR BERM CAPPING.
1330 EBM USES JACK HAMMER ATTACHMENT TO SKIDSTEER TO CONTINUE BREAKING UP CONCRETE IN AREA 1 w/ ROB-BAR, RAKES OUT AND SEEDS MEDIAN.
1445 EBM USES EXCAVATOR AND MINI EXCAVATOR TO SPREAD TOPSOIL ON BERM AREA.

THURSDAY 07/29/2021

1500 EBM USES SKIDSTEER IN SMOOTH AREA AT NORTHWEST CORNER OF AREA 1 AND — PC FENCES CORNER. EBM CONTINUES CAPPING AT BERM AREA — SMERL PULLS AIR MONITORING STATIONS AMS01 @ 1639 AMS02 @ 1640 AMS03 @ 1642 AMS04 @ 1643
1730 EPA L&M, SMERL ONSITE FOR NIGHT - SITE SECURED —

FRIDAY 07/30/2021

0700 EPA, EBM, SMERL ONSITE. BILL EBM HOLDS H&S MEETING DISCUSSES TRAIL TRAFFIC ON WEEKEND PLAN FOR THE DAY: CONTINUE CAPPING BERM AREA w/ TOPSOIL. OSC NIGHTINARE OKAYS NOT DEPLOYING AIR MONITORING STATIONS DUE TO INTENDED ACTIVITIES - NO SOIL REMOVAL IN AREA 1 OR 2 OR WORK IN THOSE AREAS.
0745 EBM MOBS TO BERM,

FRIDAY 07/30/2021

- CONTINUES USING 2 EXCAVATORS TO ADD TOPSOIL TO BERM.
 1100 MDNR J.KAICKE ON SITE - DISCUSSES IMPROVEMENTS AT BILL EQUI.
 1200 J.BINLEY MSG/START ON SITE, DISCUSSES IMPROVEMENTS OF STREET E&M BREAKS FOR LUNCIT
 1230 E&M RESUMES WORK AT BERM AREA, ADDING TOPSOIL AND COVERING BERM w/ EXCAVATORS AND HAND TOOLS.
 1315 J.BINLEY OPPOSITE BACKNOTE J.DAKVIC OPPOSITE ~1200
 1500 E&M COMPLETES BERM RUN DAY
 1530 E&M, EPT, START OPPOSITE, GATE SECURED

MONDAY, 08/02/2021

- 0700 E&M, START ON SITE, BILL DOWNS HEDS HFS Meeting DISCUSS POINTS OF CONTRACT ON MULTIVERSE E&M TO COVER BERM AREA w/ REMAINING TOPSOIL TO SMOOTH PT AREA, WILL HAND RAKE BERM

MONDAY 08/02/2021

- SPARE DEPLAUS ARE MONITORING STATIONS AMS01 @ 0845 AMS02 @ 0849 AMS03 @ 0855 AMS04 @ 0902 E&M TO BERM AREA FOLLOWING MULTIVERSE MEETING ~0900.
 1230 E&M BREAKS FOR LUNCIT.
 1300 E&M RESUMES TOPSOIL PLACEMENT HAND RAKING AT BERM.
 1315 START ON SITE REVIEW DUSTRAK DATA - EXCEDANCES OF NAAQS VALUE (SITE-SPECIFIC ACTION LEVEL) OCCUR. AIR QUALITY INDEX IS HIGHER FROM SMOKE FROM PREVIOUS WILDFIRES WEST AND TO NORTH IN CANADA. NO WORK IS BILLED COMPETED IN AREA 1 OR 2 WHERE MONITORING STATIONS ARE LOCATED. WINDS ~10 MPH FROM WEST.
 1530 E&M USES HAN DRAIL TO DRAIL HOLE INTO

MONDAY 08/02/2021

THANK FOR ACCESS —
POW START PULLS AND MONITORING
STATIONS. EQM OBSERVES FOUR
MAN ONSITE NOME BUILDING
IN AREA 1 (SOUTH OF). BILL
NOTIFIES PROPERTY OWNER.
1730 EQM START OFFSITE FOR
DAM, GATE/TRAILERS SECURED

TUESDAY 08/03/2021

0700 EQM, SHAY, EPA B KELLY
ONSITE. BILL EQM HOLDS HIS
MEETING - DISCUSS INCREASED
TRAIL TRAFFIC. OSC REILLY OK'S
NOT RECOMMEND THE MONITORING
EQUIPMENT DUE TO INTENDED
WORK (IN BERM NOT REMOVE
OF STACKED MATERIAL)
0945 LIGHTNING OBSERVED, WORK
IS CLOSED DUE TO THUNDER/LIGHTNING
1030 WORK RESUMES. EQM FINISHES
CLEAN UP OF DEBRIS/WIRE/SCRAP
AROUND BERM AREA. PLACES SEVERAL
BOULDERS SORTED OUT AND BERM AREA.
1045 EQM USES SAWZALL TO NOT
CUT ACROSS TANKER CAR

TUESDAY 08/03/2021

1200 EQM SCRAPS NEAR WEST
EDGE OF AREA 1, MATERIAL
ADDED TO STACKPILE —
1200 EQM BREAKS FOR LUNCH
1330 EQM RESUMES WORK ON
CUTTING TANK OPEN —
AREA CUT WITH EXCAVATOR BUCKET
WILL CONTINUE CUTTING ACROSS
THE TANK TO OPEN TO AVOID
CONFINED SPACE ENTRY. —
1400 EQM SORTING LARGE DEBRIS,
SCRAP, CONCRETE FROM PILE
IN AREA 7. SOIL MATERIAL
WILL BE SIDE FILLED W/ MATERIAL
IN AREA 1.

1730 EPA, EQM, START OFFSITE,
SITE SECURED

WEDNESDAY 08/04/2021

0700 KRN, SHAY EPA ONSITE,
EPA OSC JUST ONSITE, BILL EQM
HOLDS HIS MEETING, DISCUSS
SHIPS, TRIPS, FAILS, CUTTING
TANK, PLAN FOR DAM INCLUDE
CONTINUED SORTING OF

WEDNESDAY 08/04/2021

WASTE PILES IN AREA 7 FOR
PILE CONSOLIDATION, CUTTING
ACCESS TO TANKER —

SMART DEPLOYS AIR MONITORING
STATIONS AMS04 @ 0735, AMS03
@ 0739, AMS02 @ 0744, AMS01
@ 0752. AIR APACARS Hazy,
FROM WILDFIRE SMOKE —

0815 EAM COMMUNES SAWMILL
SCRAP DEBRIS / TIMBER PILES
IN AREA 7. CONSOLIDATES
MATERIAL IN AREA 7. —

0830 EAM CONTINUES CUTTING
TANKER OPEN W/ SAWZALL.
FOR ACCESS TO CREAM. —

1100 EAM BREAKS FOR LUNCH.
AIR MONITORING STATION AMS01
ABOVE ACTION LEVEL - WORK
NOT COMPLETED IN AREA, SMOKE
IN AREA LIKELY CAUSE, ALL
OTHER AMS —

1230 EAM RESUMES WORK, SORTING
PILES IN AREA 7, OPENING TANK
1400 EAM HITS OPENED TANK,
1430 EAM MOBS TO AREA 1 TO
BREAK UP CONCRETE FOOTERS

WEDNESDAY 08/04/2021

CONTINUES SORTING PILES
IN AREA 7. —

SMART PULLS AIR MONITORING
STATIONS AMS01 @ 1651

AMS02 @ 1653 AMS03 @ 1655
AMS04 @ 1658 —

EXCEEDANCES OF 0.15 mg/m³
FIR > 5MIN NOTED AT AMS04.
1730 EPA, EAM, SMART OFF SITE,
SITE SECURED —

THURSDAY 08/05/2021

0700 EAM, EPA SMART OFF SITE
FIR EAM HOLDS HIS MOUNTAIN,
POT OUT STORMS TO WATCH OUT FOR.
SHARP OBJECTS IN RUBBLE —

WILL CONTINUE SORTING AREA
7 PILES, BREAKING UP CONCRETE
FOOTERS, SEEING PERSONNEL
SMART DEPLOYS AIR MONITORING
STATIONS AMS01 @ 0744 AMS02 @ 0751
AMS03 @ 0757 AMS04 @ 0801
EAM CONTINUES SORTING IN
AREA 7 PULLING OUT CONCRETE,
TIMBER, SCRAP, AND CONSOLIDATING.

Ronan

THURSDAY 08/08/2021

11) AREA 7. →
1030 E&M PLACES VISQUEEN IN
TUNNEL TO PROTECT FROM
POTENTIAL RAIN, CONTINUES
BREAKING CONCRETE P舅TERS
IN AREA 1.

1200 E&M BREAKS FOR CONCRETE
1230 E&M RESUMES WORK IN
AREA 7. →

1400 E&M SCRAPS SW CORNER
OF AREA 1, ADDS MATERIAL
TO STOCKPILE IN AREA 1
TO ALLOW A CLEAR PASSAGE
FOR TRUCK TRAFFIC FOR
DISPOSAL →

1500 E&M SORTS ADDITIONAL
CONCRETE FROM PILE IN AREA 1
AND AREA 7. →

180 EPA, E&M, SMART OFFSITE
& BACKNOTE - SMART PULLS MC
STATIONS AMSO1@1041 AMSO2@1042
AMSO3@1043 AMSO4@1044

FRIDAY 08/08/2021

0700 EPA, E&M, SMART ON SITE
Bill E&M HOLDS HCS MEETING

FRIDAY 08/08/2021

DISCUSS TRUCKS FOR DISPOSAL
CLASSIFY TUNNEL, B&B FOR
WASTE MANAGEMENT TO
HAVE TO F&W ON TUNNEL
FOR DISPOSAL →

START DEPLACEMENT AIR MONITORING
STATIONS AMSO1@0735
AMSO2@0743 AMSO3@0751
AMSO4@0758 →

0730 E&M BEGINS LOADING
TRUCKS FOR WASTE TRANSPORT
TO LANDFILL →

1000 E&M COLLECTS SAMPLE OF
TUNNEL MATERIAL FOR LAB
ANALYSIS. →

1030 E&M CONTINUES LOADING
TRUCKS FOR WASTE DISPOSAL →

1200 E&M BREAKS FOR CONCRETE
1230 E&M RESUMES WORK, WAITING
TRUCKS FOR DISPOSAL →

SELL TRUCKS OFFSITE FOR
TRANSPORT/DISPOSAL →

1530 E&M, EPA, SMART OFFSITE
SITE SECURED →

MONDAY 08/09/2021

0700 E&M, STAFF, E&M ON SITE —
BEGIN LOADING TRUCKS FOR
OFFSITE DISPOSAL —
STAFF DEPOSES AND MONITORING
STATIONS AMS01 @ 0753, AMS02 @ 0800,
AMS03 @ 0805, AMS04 @ 0812 —
1200 E&M LOADS 2 ROUNDS OF
5 TRUCKS FOR OFFSITE DISPOSAL.
BREAKS FOR LUNCH —
1200 - STAFF DRIVES HOSPITAL ROUTE
1330 E&M CONTINUES LOADING
ROUNDS OF TRUCKS, GRADING
AREA IN BETWEEN ENGINEER'S
DUST CONTROL BY ~~GETTING~~ CONCRETE
SOLVING OUT LARGE SCRAPP.
CONCRETE FROM PILE —
1400 E&M LOADS LAST ROUND OF
TRUCKS. 14 LOADS HAVE BEEN
OFFSITE —
1650 STAFF PULLS AIR STATION S —
1730 EPA, STAFF, E&M OFFSITE
FOR DAY, SITE SECURE —

TUESDAY 08/10/2021
0700 EPA, STAFF, E&M ON SITE
BUT E&M HOLDS HFS MEETING

TUESDAY, 08/10/2021

DISCUSS TRAFFIC ACROSS CHECKPOINT
WT. PULL FOR DAY INCLUDES
DISPOSAL HAULING, MOVING PILE
FROM AREA 7 TO STOCKPILE IN
AREA 1.

0705 E&M SHUTS DOWN 4
TRUCKS FOR OFFSITE DISPOSAL.
STAFF DEPOSES AIR MONITORING
STATIONS AMS01 @ 0733
AMS02 @ 0739, AMS03 @ 0748
AMS04 @ 0755

1000 JB, MELVIN MSZ. A KARAVAN
TRUCK ON SITE DISCUSSED OFFSITE
PROCESS, OFFSITE ~1200

1230 E&M BREAKS FOR LUNCH,
RESUMES WORK LOADING TRUCKS
FOR OFFSITE DISPOSAL

1400 E&M MOVES PILE FROM
AREA 7 TO STOCKPILE IN AREA 1
FOR DISPOSAL. SWEEPS PERIODS
OUT —

1500 WORK PAUSED DUE TO
THUNDERSTORMS

1630 WORK RESUMES, 14 TRUCKS
LOADED TO LANDFILL TODAY

TUESDAY 08/10/2021

0730 START, EPA, EQM OFFSITE,
SITE SECURED —

WEDNESDAY, 08/11/2021
0630 EPA, EQM, STAFF ONSITE, BILL
EQM HOLDS HIS MEETING, DISCUSSES
POP UP THUNDERSHEMS, POTENTIAL
ROCK HUNT STRESS —
0700 EQM SHRETS LOADING INTRACO.
SOIL IN TRUCKS FOR TRANSPORT
TO LANDFILL —

START DEPROVS MR MONITORING
STATIONS AMS05 @ 0652 AMS04 @ 0656
AMS02 @ 0703 AMS01 @ 0708
1000 EQM SHRETS TWO ROUNDS OF
TRUCKS TO LANDFILL —
STAFF PULLS OUT PAUSES AND MINDFUL
STATIONS AMS01 @ 1123 AMS02 @ 1124
AMS03 @ 1126 AMS04 @ 1127
DUE TO RAIN/THUNDERSHEMS
1230 EQM BREAKS FOR UNPLUG
1300 EQM RESUMES WORK LOADING
TRUCKS. ACHANON, AKAUPUA
ELIO INSIDE, DISCUSS SITE PROGRESS
W/ R. KELLY. —

STAFF DEPROVS MR MONITORING

WEDNESDAY 08/11/2021

STATIONS AMS01 @ 1308
AMS02 @ 1309 AMS03 @ 1310
AMS04 @ 1311 —
1400 EQM LOADS LAST ROUND
OF TRUCKS - 1410 OUT TURN FOR
DAN. —
1415 EQM SAMPLES TANK/CERL
MATERIAL FOR ANALYSIS.
CONTINUES SORTING PILES IN
AREA 7, ADDING TO STOCKPILE
IN AREA 1. —

START FULL STATIONS AMS01
1625 AMS02 @ 1624 AMS03 @
1623 AMS04 @ 1621 —
1700 EPA, STAFF, EQM OFFSITE FOR
DAN. SITE SECURED —

THURSDAY, 08/12/2021
0630 EPA, STAFF, EQM ONSITE, BILL
EQM HOLDS HIS MEETING, DISCUSSES
WEATHER MATERIAL DUE TO EXPECTED
WIND GAUSTS, RAIN FOR DAY —
WILL CONTINUE LOADING FOR
DISPOSAL —
STAFF DEPROVS MR MONITORING

Rain in the Rain

THURSDAY 08/12/2021

SUMMARY AMSO2@ 0654, AMSO3@
0705 AMSO3@ 0708, AMSO1@ 0711
0715 6AM LOADS FIRST ROUND OF
5 TRUCKS FOR LANDFILL DISPOSAL
1000 AM 6AM CONTINUES 2ND LOAD OF TRUCKS,
CONTINUES TO SORT MATERIAL,
ROADS, SORT LARGE DEBRIS OUT
AS POSSIBLE —>
1200 EQM BREAKS FOR LUNCH.
1230 EQM RESUMES WORK LOADING
3RD ROUND OF TRUCKS FOR DISPOSAL
1530 A. KERANEN EGLE OFF SITE W/
PROPERTY OWNER, W/ B. KELLY DISCUSS
PROGRESS —>
START PULLS AIR MONITORING
STATIONS —>
1700 EPL, EQM, START OFF SITE,
SITE SECURED —>

FRIDAY, 08/13/2021

0630 EPL, EQM, START OFF SITE,
BILL EQM LOADS HCS MEETING.
DISCUSSES PINCH POINTS, WILL
CONTINUE TO LOAD TRUCKS FOR
OFF SITE DISPOSAL —>
0650 EPL OFF SITE

FRIDAY 08/13/2021

START DEPLOYS AIR MONITORING
STATIONS AMSO1@
AMSO2@ AMSO3@
AMSO4@ 07
0707 6AM BEGINS LOADING FIRST
ROUND OF TRUCKS, 4 TRUCKS
WILL RUN FOR THE DAY —
0830 6AM CONTINUES STOCKPILING
MATERIAL FROM AREA 7 INTO
AREA 1 —>
1000 6AM CONTINUES TO SORT
MATERIAL LIKE TIMBER, SCRAP
METAL OUT FROM MATERIAL
BEING STOCKPILED IN AREA 1 FOR
DISPOSAL, TRUCKS CONTINUE TO
BE FILLED FOR TRANSFER —
1230 EQM BREAKS FOR LUNCH
1300 EQM RESUMES WORK, CONTINUES
3RD ROUND OF TRUCKS —>
START PULLS AIR STATIONS
AMSO1@ AMSO2@
AMSO3@ AMSO4@
1500 EQM, START OFF SITE,
SITE SECURED —>

MUNDAY 08/16/2021

0030 EAM, SMART ON SITE, BILL EAM HOLDS HCS MEETING, DISCUSS HEAT STRESS — SMART DOWNS AIR MONITORING SATIONS AMSO1@ AMSO2@ AMSO3@ AMSO4@
0700 EAM LOADS TRUCK FOR OFFSITE DISPOSAL — 1100 DISPOSAL COMPLETE, TOYSOL AND ADDITIONAL GRANUL DELIVERED ON SITE
1130 EAM MOVES DEBRIS FROM AREA 1, SMARTS OFF AREA — 1200 EAM BREAKS FOR LUNCH 1300 EAM RESUMES WORK — 1330 EAM USES HANDTOOLS TO BEGIN PLACING TOPSOIL ALONG SOUTH SIDE OF MDNR TRAIL, NORTH OF AREA 2.
1400 SMART PUNS AIR MONITORING SATIONS AMSO1@ AMSO2@ AMSO3@ AMSO4@
1500 EAM, SMART OFF SITE —

RE

TUESDAY 08/17/2021

0700 EAM, SMART, TBA B. NIKITAURE ON SITE. BILL EAM HOLDS HCS MEETING. DISCUSSES HEAT STRESS, PUMP FOR DRUM INCLUDES BACKFILL IN AREA 1 — 0730 EAM MOVES REMAINING PILES OF SOIL FROM AREA 7, PLACES OUTSIDE OF OPEN AREA 7. — 0800 EAM USES EXCAVATOR, FRONT LOADER TO BEGIN WORKING GRANUL IN AREA 1. — 0900 EAM USES PUMP TO PUMP TANKER MATERIAL FROM TANKER TO 55-GAL DRUM — 1200 EAM BREAKS FOR LUNCH 1230 EAM RESUMES WORK, SPREADING GRANUL APPROX 6IN IN AREA 1. — 1330 EAM HAS PUMPED 1 FULL 55-GALLON DRUM AND 1/4 DRUM OF LIQUID MATERIAL FROM DRUM AND TANKER, WILL USE A SHOPVAC TO REMOVE THICKER, SOLID MATERIAL.

Ron deRien

TUESDAY 08/17/2021

1530 EPA, EAM, START OFFSITE.
SITE SECURED —

WEDNESDAY, 08/18/2021

0700 EPA, EAM, START ON SITE.
BILL EAM HOLDS HES MEETING
DISCUSS HEAT STRESS, WORKING
AROUND EQUIPMENT.

0745 EAM CONTINUES USE OF
EXCAVATOR FRONT LOADER TO
PLACE GRAVEL ACROSS AREA I.

0815 EAM USES SHOP VAC TO
REMOVE THICK SLUDGE FROM
TANKER TO BE CONTAINMENT.

1230 EAM BREAKS FOR LUNCH

1300 EAM RESUMES WORK SPREADING
GRAVEL IN AREA I

1400 EAM USES FRONT BUSH, SPADE,
SQUEEZE TO MOVE TANK LIQUID/
SLUDGE TO PUMP TO SHOP VAC
IT IN CONTAINERS, APPROX 2
55-GALLON DRUMS FILLED.

1530 EAM, EPA, START OFFSITE,
SITE SECURED —

THURSDAY 08/19/2021

0700 EAM, CRA, START ON SITE
BILL HOLDS HES MEETING,
DISCUSSED DRIVING ON ROAD,
WATCH FOR OTHER TRAFFIC.
0730 EAM CONTINUES SPREADING
GRAVEL AS CAP AS IT IS DELIVERED
IN AREA I —

0800 EAM CONTINUES TO PUMP
SLUDGE MATERIAL FROM TANK,
SPREADER SIDE CLEARS w/
WATER AND CONTAMINATED
WASTE WATER —

1200 EAM BREAKS FOR LUNCH

1230 EAM RESUMES WORK
SPREADING GRAVEL IN AREA I
RINSING TANK. 4 55-GALLON
DRUMS ARE STACKED IN
OILY SALVAGE MARP w/
3 DRUMS OF BATTERIES, ONE
DRUM OF PCB CAPACITORS.

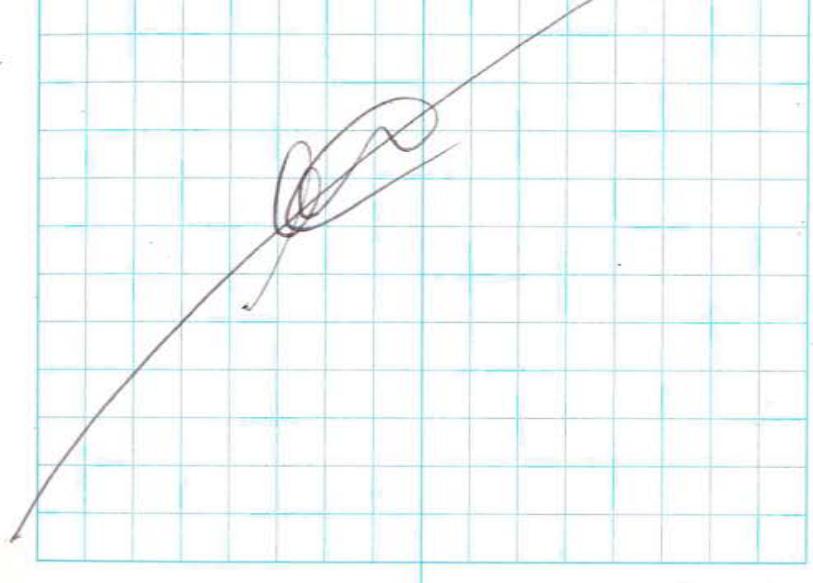
1530 EAM, EPA, START —
OFFSITE, SITE SECURED —

Ritter/Rain

FRIDAY 08/20/2021

0700 EPA, E&M, START ONSITE
 BILL COM ROLLS ACS MOUNTS
 DISCUSS WORKING AROUND
 HEAVY EQUIPMENT, TRAIL MARKER.
 0730 E&M CONTINUES SPREADING
 GRANULE IN AREA1 USING
EXCAVATOR, FRONTLOADER.
 0800 E&M POURS OUT MATERIAL
(RINSE WATER) FROM TANKER,
CONTAINERS IN 55 GALLON
DRUM. 5 DRUMS TOTAL OF MATERIAL
AND RINSE WATER FOR DISPOSAL.
DRUMS STORED AT JUJU SALVAGE
1 PCB CAPACITIES AND 1 AD-
BATTERIES.
 1000 E&M PULLS TANKER IN SIDE
 ON WOODED BRACES AFTER CLOSING
 OPENINGS w/ EXCAVATOR BUCKET
 TO PREVENT RAINWATER FROM
 ACCUMULATING IN TANK.
 1200 E&M BREAKS FIRE DUNCEIT —
 1230 E&M BEGINS WORK, 2
 LABORERS OFFSITE, SPREADING GRANULE
 IN AREA1.
 1330 E&M, OPA, START OFFSITE
 SITE SECURED

BACKNOTE WRITTEN 10/6/2021
 1400 AM WEDNESDAY 9/29/2021
 1400 - MSG & E&M BILL ONSITE
 w/ CLEAN HARBORS FOR DRUM
 PICK UP/TRANSPORT & DISPOSE
 FACILITY. CLEAN HARBORS
 LABELS DRUMS FOR DISPOSAL,
 LOADS INTO TRUCK, E&M BILL
 SIGNS MANIFEST FOR USEPA,
 COPIES OF WASTE MANIFEST
 COLLECTED, PHOTO DOCUMENTED
 1535 - MSG, E&M, CLEAR HARBORS
 OFFSITE-GATE SECURED.



Rita in the Rain

APPENDIX E
WASTE PROFILES AND MANIFESTS



Requested Facility: K&W Landfill Unsure Profile Number: 128779MI
 Multiple Generator Locations (Attach Locations) Request Certificate of Disposal Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: USEPA Julio Salvage Site
2. Generator Site Address: 20675 Royce Road
(City, State, ZIP) Ripley MI 49930
3. County: Houghton
4. Contact Name: Brian Kelly
5. Email: kelly.Brian@epa.gov
6. Phone: (734) 740-9019 7. Fax: _____
8. Generator EPA ID: _____ N/A
9. State ID: _____ N/A

C. MATERIAL INFORMATION

1. Common Name: PCB, lead arsenic impacted soil

Describe Process(es) Generating Material: See Attached

Julio Properties land uses consisted of a combination of industrial operations including, but not limited to, foundry, machining, coal and coke handling, bulk fuel handling, and boiler works

2. Material Composition and Contaminants: See Attached

1. pcb, lead and arsenic impacted soil	85-95 %
2. Construction debris	5-10 %
3. PPE	0-1 %
4.	

Total comp. must be equal to or greater than 100% ≥100%

3. State Waste Codes: _____ N/A
4. Color: brown
5. Physical State at 70°F: Solid Liquid Other: _____
6. Free Liquid Range Percentage: _____ to _____ N/A
7. pH: _____ to _____ N/A
8. Strong Odor: Yes No Describe: _____
9. Flash Point: <140°F 140°–199°F ≥200° N/A

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached Yes
Please identify applicable samples and/or lab reports:
Project: JULIO PROPERTIES & Project: Julio
2. Other information attached (such as MSDS)? Yes

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 – Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): Angye Dragotta Date: 07/29/2021

Title: T&D coordinator

Company: Environmental Quality Management, Inc.

B. BILLING INFORMATION

- SAME AS GENERATOR
1. Billing Name: EQM
 2. Billing Address: 1800 carillon Blvd
(City, State, ZIP) Cincinnati OH 45240
 3. Contact Name: Angye Dragotta
 4. Email: adragotta@eqm.com
 5. Phone: (513) 825-7500 6. Fax: _____
 7. WM Hauled? Yes No
 8. P.O. Number: 023944
 9. Payment Method: Credit Account Cash Credit Card

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? Yes* No
Code: _____
 2. State Hazardous Waste? Yes No
Code: _____
 3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? Yes* No
 4. Contains Underlying Hazardous Constituents? Yes* No
 5. From an industry regulated under Benzene NESHAP? Yes* No
 6. Facility remediation subject to 40 CFR 63 GGGGG? Yes* No
 7. CERCLA or State-mandated clean-up? Yes* No
 8. NRC or State-regulated radioactive or NORM waste? Yes* No
- *If Yes, see Addendum (page 2) for additional questions and space.
9. Contains PCBs? → If Yes, answer a, b and c.
a. Regulated by 40 CFR 761? Yes No
b. Remediation under 40 CFR 761.61 (a)? Yes No
c. Were PCB imported into the US? Yes No
 10. Regulated and/or Untreated Medical/Infectious Waste? Yes No
 11. Contains Asbestos? Yes No
→ If Yes: Non-Friable Non-Friable – Regulated Friable

F. SHIPPING AND DOT INFORMATION

1. One-Time Event Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 2800
 Tons Yards Drums Gallons Other: _____
3. Container Type and Size: end dumps
4. USDOT Proper Shipping Name: N/A

Certification Signature

Angye Dragotta

81360fa8b0...



23-Jul-2021

Angye Dragotta
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Re: **Julio**

Work Order: **21071639**

Dear Angye,

ALS Environmental received 2 samples on 20-Jul-2021 04:00 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 21.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

A handwritten signature in black ink, appearing to read "Bill Carey".

Electronically approved by: Bill Carey

Bill Carey
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Client: Environmental Quality Management, Inc.
Project: Julio
Work Order: 21071639

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21071639-01	D-001 Disposal	Solid		7/19/2021 13:00	7/20/2021 16:00	<input type="checkbox"/>
21071639-02	D-001 Disposal	Tclp Extract		7/19/2021 13:00	7/20/2021 16:00	<input type="checkbox"/>

Client: Environmental Quality Management, Inc.
Project: Julio
WorkOrder: 21071639

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
% of sample	Percent of Sample
µg/L	Micrograms per Liter
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter

Client: Environmental Quality Management, Inc.
Project: Julio
Work Order: 21071639

Case Narrative

The attached "Sample Receipt Checklist" documents the date of receipt, status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. A copy of the laboratory's scope of accreditation is available upon request.

Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting.

Any flags on MS/MSD samples not addressed in this narrative are unrelated to samples in this report.

With the following exceptions, all sample analyses achieved analytical criteria.

Client: Environmental Quality Management, Inc.

Project: Julio

Work Order: 21071639

Sample ID: D-001 Disposal

Lab ID: 21071639-01

Collection Date: 7/19/2021 01:00 PM

Matrix: SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS						
Aroclor 1016	ND		0.12	mg/Kg-dry	1	7/22/2021 11:15 PM
Aroclor 1221	ND		0.12	mg/Kg-dry	1	7/22/2021 11:15 PM
Aroclor 1232	ND		0.12	mg/Kg-dry	1	7/22/2021 11:15 PM
Aroclor 1242	2.0		0.12	mg/Kg-dry	1	7/22/2021 11:15 PM
Aroclor 1248	ND		0.12	mg/Kg-dry	1	7/22/2021 11:15 PM
Aroclor 1254	2.1		0.12	mg/Kg-dry	1	7/22/2021 11:15 PM
Aroclor 1260	ND		0.12	mg/Kg-dry	1	7/22/2021 11:15 PM
<i>Surr: Decachlorobiphenyl</i>	93.9		40-140	%REC	1	7/22/2021 11:15 PM
<i>Surr: Tetrachloro-m-xylene</i>	80.7		45-124	%REC	1	7/22/2021 11:15 PM
MOISTURE						
Moisture	5.2		0.10	% of sample	1	Analyst: CDG 7/21/2021 03:17 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Environmental Quality Management, Inc.

Project: Julio

Sample ID: D-001 Disposal

Collection Date: 7/19/2021 01:00 PM

Work Order: 21071639

Lab ID: 21071639-02

Matrix: TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
TCLP MERCURY BY CVAA						
Mercury	ND		0.0020	mg/L	1	7/22/2021 03:03 PM
TCLP METALS ANALYSIS BY ICP						
Arsenic	ND		0.050	mg/L	1	7/22/2021 03:13 PM
Barium	1.6		0.050	mg/L	1	7/22/2021 03:13 PM
Cadmium	ND		0.10	mg/L	1	7/22/2021 03:13 PM
Chromium	ND		0.10	mg/L	1	7/22/2021 03:13 PM
Lead	2.0		0.050	mg/L	1	7/22/2021 03:13 PM
Selenium	ND		0.10	mg/L	1	7/22/2021 03:13 PM
Silver	ND		0.050	mg/L	1	7/22/2021 03:13 PM
TCLP SEMI-VOLATILE ORGANICS						
1,4-Dichlorobenzene	ND		100	µg/L	1	7/22/2021 09:39 PM
2,4,5-Trichlorophenol	ND		100	µg/L	1	7/22/2021 09:39 PM
2,4,6-Trichlorophenol	ND		100	µg/L	1	7/22/2021 09:39 PM
2,4-Dinitrotoluene	ND		100	µg/L	1	7/22/2021 09:39 PM
Hexachloro-1,3-butadiene	ND		100	µg/L	1	7/22/2021 09:39 PM
Hexachlorobenzene	ND		100	µg/L	1	7/22/2021 09:39 PM
Hexachloroethane	ND		100	µg/L	1	7/22/2021 09:39 PM
m-Cresol	ND		100	µg/L	1	7/22/2021 09:39 PM
Nitrobenzene	ND		100	µg/L	1	7/22/2021 09:39 PM
o-Cresol	ND		100	µg/L	1	7/22/2021 09:39 PM
p-Cresol	ND		100	µg/L	1	7/22/2021 09:39 PM
Pentachlorophenol	ND		100	µg/L	1	7/22/2021 09:39 PM
Pyridine	ND		200	µg/L	1	7/22/2021 09:39 PM
<i>Surr: 2,4,6-Tribromophenol</i>	57.9		27-83	%REC	1	7/22/2021 09:39 PM
<i>Surr: 2-Fluorobiphenyl</i>	55.6		26-79	%REC	1	7/22/2021 09:39 PM
<i>Surr: 2-Fluorophenol</i>	39.4		13-56	%REC	1	7/22/2021 09:39 PM
<i>Surr: 4-Terphenyl-d14</i>	72.8		43-106	%REC	1	7/22/2021 09:39 PM
<i>Surr: Nitrobenzene-d5</i>	55.7		29-80	%REC	1	7/22/2021 09:39 PM
<i>Surr: Phenol-d6</i>	25.0		10-35	%REC	1	7/22/2021 09:39 PM
TCLP VOLATILE ORGANICS						
1,1-Dichloroethene	ND		20	µg/L	20	7/22/2021 07:40 PM
1,2-Dichloroethane	ND		20	µg/L	20	7/22/2021 07:40 PM
2-Butanone	ND		100	µg/L	20	7/22/2021 07:40 PM
Benzene	ND		50	µg/L	20	7/22/2021 07:40 PM
Carbon tetrachloride	ND		20	µg/L	20	7/22/2021 07:40 PM
Chlorobenzene	ND		20	µg/L	20	7/22/2021 07:40 PM
Chloroform	ND		20	µg/L	20	7/22/2021 07:40 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Environmental Quality Management, Inc.**Project:** Julio**Sample ID:** D-001 Disposal**Collection Date:** 7/19/2021 01:00 PM**Work Order:** 21071639**Lab ID:** 21071639-02**Matrix:** TCLP EXTRACT

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		20	µg/L	20	7/22/2021 07:40 PM
Trichloroethene	ND		20	µg/L	20	7/22/2021 07:40 PM
Vinyl chloride	ND		20	µg/L	20	7/22/2021 07:40 PM
Surr: 1,2-Dichloroethane-d4	99.2		75-120	%REC	20	7/22/2021 07:40 PM
Surr: 4-Bromofluorobenzene	101		80-110	%REC	20	7/22/2021 07:40 PM
Surr: Dibromofluoromethane	102		85-115	%REC	20	7/22/2021 07:40 PM
Surr: Toluene-d8	102		85-110	%REC	20	7/22/2021 07:40 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: 180635		Instrument ID GC14		Method: SW8082					
MBLK		Sample ID: PBLKS1-180635-180635			Units: µg/Kg		Analysis Date: 7/22/2021 04:47 PM		
Client ID:		Run ID: GC14_210722A		SeqNo: 7604962		Prep Date: 7/21/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aroclor 1016	ND	67							
Aroclor 1221	ND	67							
Aroclor 1232	ND	67							
Aroclor 1242	ND	67							
Aroclor 1248	ND	67							
Aroclor 1254	ND	67							
Aroclor 1260	ND	67							
Surr: Decachlorobiphenyl	34.82	0	33.3	0	105	40-140		0	
Surr: Tetrachloro-m-xylene	31.3	0	33.3	0	94	45-124		0	
LCS		Sample ID: PLCSS1-180635-180635			Units: µg/Kg		Analysis Date: 7/22/2021 05:01 PM		
Client ID:		Run ID: GC14_210722A		SeqNo: 7604963		Prep Date: 7/21/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aroclor 1016	916.5	67	833	0	110	50-130		0	
Aroclor 1260	914.9	67	833	0	110	50-130		0	
Surr: Decachlorobiphenyl	36.13	0	33.3	0	109	40-140		0	
Surr: Tetrachloro-m-xylene	32.43	0	33.3	0	97.4	45-124		0	
MS		Sample ID: 21071297-02B MS			Units: µg/Kg		Analysis Date: 7/22/2021 05:15 PM		
Client ID:		Run ID: GC14_210722A		SeqNo: 7604964		Prep Date: 7/21/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aroclor 1016	890.4	65	807.2	0	110	40-140		0	
Aroclor 1260	883.6	65	807.2	0	109	40-140		0	
Surr: Decachlorobiphenyl	34	0	32.27	0	105	40-140		0	
Surr: Tetrachloro-m-xylene	31.54	0	32.27	0	97.7	45-124		0	
MSD		Sample ID: 21071297-02B MSD			Units: µg/Kg		Analysis Date: 7/22/2021 05:29 PM		
Client ID:		Run ID: GC14_210722A		SeqNo: 7604965		Prep Date: 7/21/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aroclor 1016	894.4	64	803.5	0	111	40-140	890.4	0.451	50
Aroclor 1260	886.2	64	803.5	0	110	40-140	883.6	0.291	50
Surr: Decachlorobiphenyl	33.86	0	32.12	0	105	40-140	34	0.41	50
Surr: Tetrachloro-m-xylene	31.3	0	32.12	0	97.4	45-124	31.54	0.766	50

The following samples were analyzed in this batch: | 21071639-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **180660** Instrument ID **HG4** Method: **SW7470A**

MLK				Sample ID: MLK-180660-180660		Units: mg/L		Analysis Date: 7/22/2021 02:14 PM			
Client ID:		Run ID: HG4_210722A		SeqNo: 7602749		Prep Date: 7/22/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	ND	0.00020									
LCS				Sample ID: LCS-180660-180660		Units: mg/L		Analysis Date: 7/22/2021 02:15 PM			
Client ID:		Run ID: HG4_210722A		SeqNo: 7602750		Prep Date: 7/22/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.002115	0.00020	0.002	0	106	80-120	0				
MS				Sample ID: 21071426-01CMS		Units: mg/L		Analysis Date: 7/22/2021 02:38 PM			
Client ID:		Run ID: HG4_210722A		SeqNo: 7602763		Prep Date: 7/22/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.002175	0.00020	0.002	0.0000345	107	75-125	0				
MSD				Sample ID: 21071426-01CMSD		Units: mg/L		Analysis Date: 7/22/2021 02:40 PM			
Client ID:		Run ID: HG4_210722A		SeqNo: 7602764		Prep Date: 7/22/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.00222	0.00020	0.002	0.0000345	109	75-125	0.002175	2.05	20		

The following samples were analyzed in this batch:

21071639-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **180682** Instrument ID **ICP2** Method: **SW6010D**

MLK			Sample ID: MLK-180682-180682			Units: mg/L		Analysis Date: 7/22/2021 03:03 PM		
Client ID:		Run ID: ICP2_210722B		SeqNo: 7603793		Prep Date: 7/22/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Cadmium	ND	0.010								
Chromium	ND	0.0050								
Lead	ND	0.0050								
Selenium	ND	0.010								
Silver	ND	0.0050								

LCS			Sample ID: LCS-180682-180682			Units: mg/L		Analysis Date: 7/22/2021 03:08 PM		
Client ID:		Run ID: ICP2_210722B		SeqNo: 7603794		Prep Date: 7/22/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1	0.0050	0.1	0	100	80-120	0	0		
Barium	0.1041	0.0050	0.1	0	104	80-120	0	0		
Cadmium	0.1025	0.010	0.1	0	103	80-120	0	0		
Chromium	0.0989	0.0050	0.1	0	98.9	80-120	0	0		
Lead	0.1045	0.0050	0.1	0	104	80-120	0	0		
Selenium	0.1041	0.010	0.1	0	104	80-120	0	0		
Silver	0.0991	0.0050	0.1	0	99.1	80-120	0	0		

MS			Sample ID: 21071639-02AMS			Units: mg/L		Analysis Date: 7/22/2021 03:18 PM		
Client ID: D-001 Disposal		Run ID: ICP2_210722B		SeqNo: 7603796		Prep Date: 7/22/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	1.043	0.050	1	0.0158	103	75-125	0	0		
Barium	2.588	0.050	1	1.564	102	75-125	0	0		
Cadmium	1.105	0.10	1	0.0673	104	75-125	0	0		
Chromium	0.9961	0.10	1	0.00555	99.1	75-125	0	0		
Lead	3.008	0.050	1	2.01	99.8	75-125	0	0		
Selenium	1.101	0.10	1	0.0235	108	75-125	0	0		
Silver	1.064	0.050	1	0.0116	105	75-125	0	0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **180682** Instrument ID **ICP2** Method: **SW6010D**

MSD				Units: mg/L			Analysis Date: 7/22/2021 03:24 PM			
Client ID: D-001 Disposal		Run ID: ICP2_210722B		SeqNo: 7603797		Prep Date: 7/22/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	1.054	0.050	1	0.0158	104	75-125	1.043	1.09	20	
Barium	2.551	0.050	1	1.564	98.7	75-125	2.588	1.45	20	
Cadmium	1.106	0.10	1	0.0673	104	75-125	1.105	0.13	20	
Chromium	0.994	0.10	1	0.00555	98.8	75-125	0.9961	0.211	20	
Lead	3.032	0.050	1	2.01	102	75-125	3.008	0.785	20	
Selenium	1.1	0.10	1	0.0235	108	75-125	1.101	0.0818	20	
Silver	1.023	0.050	1	0.0116	101	75-125	1.064	3.99	20	

The following samples were analyzed in this batch: | 21071639-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **180652** Instrument ID **SVMS8** Method: **SW8270D**

MBLK		Sample ID: SBLKW1-180652-180652		Units: µg/L		Analysis Date: 7/22/2021 05:32 PM				
Client ID:		Run ID: SVMS8_210722A		SeqNo: 7604583		Prep Date: 7/22/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	ND	5.0								
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Hexachloro-1,3-butadiene	ND	5.0								
Hexachlorobenzene	ND	5.0								
Hexachloroethane	ND	5.0								
m-Cresol	ND	5.0								
Nitrobenzene	ND	5.0								
o-Cresol	ND	5.0								
p-Cresol	ND	5.0								
Pentachlorophenol	ND	5.0								
Pyridine	ND	10								
<i>Surr: 2,4,6-Tribromophenol</i>	32.86	0	50	0	65.7	27-83	0			
<i>Surr: 2-Fluorobiphenyl</i>	30.55	0	50	0	61.1	26-79	0			
<i>Surr: 2-Fluorophenol</i>	20.27	0	50	0	40.5	13-56	0			
<i>Surr: 4-Terphenyl-d14</i>	35.91	0	50	0	71.8	43-106	0			
<i>Surr: Nitrobenzene-d5</i>	28.6	0	50	0	57.2	29-80	0			
<i>Surr: Phenol-d6</i>	12.33	0	50	0	24.7	10-35	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **180652** Instrument ID **SVMS8** Method: **SW8270D**

LCS	Sample ID: SLCSW1-180652-180652			Units: µg/L		Analysis Date: 7/22/2021 05:53 PM				
Client ID:	Run ID: SVMS8_210722A		SeqNo: 7604584		Prep Date: 7/22/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	11.08	5.0	20	0	55.4	12-85		0		
2,4,5-Trichlorophenol	13.08	5.0	20	0	65.4	47-84		0		
2,4,6-Trichlorophenol	12.71	5.0	20	0	63.6	45-83		0		
2,4-Dinitrotoluene	13.21	5.0	20	0	66	54-93		0		
Hexachloro-1,3-butadiene	11.09	5.0	20	0	55.4	11-83		0		
Hexachlorobenzene	13.24	5.0	20	0	66.2	53-89		0		
Hexachloroethane	10.47	5.0	20	0	52.4	10-85		0		
m-Cresol	10.42	5.0	20	0	52.1	30-110		0		
Nitrobenzene	11.62	5.0	20	0	58.1	38-86		0		
o-Cresol	12.23	5.0	20	0	61.2	30-110		0		
p-Cresol	10.42	5.0	20	0	52.1	30-110		0		
Pentachlorophenol	13.97	5.0	20	0	69.8	37-94		0		
Pyridine	5.26	10	20	0	26.3	10-50		0		J
<i>Surr: 2,4,6-Tribromophenol</i>	33.77	0	50	0	67.5	27-83		0		
<i>Surr: 2-Fluorobiphenyl</i>	30.1	0	50	0	60.2	26-79		0		
<i>Surr: 2-Fluorophenol</i>	20.76	0	50	0	41.5	13-56		0		
<i>Surr: 4-Terphenyl-d14</i>	36.2	0	50	0	72.4	43-106		0		
<i>Surr: Nitrobenzene-d5</i>	29.96	0	50	0	59.9	29-80		0		
<i>Surr: Phenol-d6</i>	13.34	0	50	0	26.7	10-35		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 6 of 11

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **180652** Instrument ID **SVMS8** Method: **SW8270D**

MS	Sample ID: 21071382-02A MS			Units: µg/L		Analysis Date: 7/22/2021 06:15 PM				
Client ID:	Run ID: SVMS8_210722A		SeqNo: 7604585		Prep Date: 7/22/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	146.4	100	400	10	34.1	12-85		0		
2,4,5-Trichlorophenol	244.8	100	400	0	61.2	47-84		0		
2,4,6-Trichlorophenol	241	100	400	0	60.2	45-83		0		
2,4-Dinitrotoluene	240.8	100	400	0	60.2	54-93		0		
Hexachloro-1,3-butadiene	157.2	100	400	0	39.3	11-83		0		
Hexachlorobenzene	229.8	100	400	0	57.4	53-89		0		
Hexachloroethane	125.8	100	400	0	31.4	10-85		0		
m-Cresol	210.4	100	400	0	52.6	30-110		0		
Nitrobenzene	199	100	400	0	49.8	38-86		0		
o-Cresol	311.6	100	400	83.6	57	30-110		0		
p-Cresol	210.4	100	400	0	52.6	30-110		0		
Pentachlorophenol	288.4	100	400	0	72.1	37-94		0		
Pyridine	160.8	200	400	0	40.2	10-50		0		J
<i>Surr: 2,4,6-Tribromophenol</i>	613.8	0	1000	0	61.4	27-83		0		
<i>Surr: 2-Fluorobiphenyl</i>	538.4	0	1000	0	53.8	26-79		0		
<i>Surr: 2-Fluorophenol</i>	401	0	1000	0	40.1	13-56		0		
<i>Surr: 4-Terphenyl-d14</i>	668	0	1000	0	66.8	43-106		0		
<i>Surr: Nitrobenzene-d5</i>	496	0	1000	0	49.6	29-80		0		
<i>Surr: Phenol-d6</i>	262	0	1000	0	26.2	10-35		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 7 of 11

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **180652** Instrument ID **SVMS8** Method: **SW8270D**

MSD		Sample ID: 21071382-02A MSD			Units: µg/L		Analysis Date: 7/22/2021 06:36 PM			
Client ID:		Run ID: SVMS8_210722A			SeqNo: 7604586		Prep Date: 7/22/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	177.6	100	400	10	41.9	12-85	146.4	19.3	30	
2,4,5-Trichlorophenol	295.2	100	400	0	73.8	47-84	244.8	18.7	30	
2,4,6-Trichlorophenol	277.6	100	400	0	69.4	45-83	241	14.1	30	
2,4-Dinitrotoluene	296.4	100	400	0	74.1	54-93	240.8	20.7	30	
Hexachloro-1,3-butadiene	174.4	100	400	0	43.6	11-83	157.2	10.4	30	
Hexachlorobenzene	282.4	100	400	0	70.6	53-89	229.8	20.5	30	
Hexachloroethane	133	100	400	0	33.2	10-85	125.8	5.56	30	
m-Cresol	220.6	100	400	0	55.2	30-110	210.4	4.73	30	
Nitrobenzene	243.6	100	400	0	60.9	38-86	199	20.2	30	
o-Cresol	332.8	100	400	83.6	62.3	30-110	311.6	6.58	30	
p-Cresol	220.6	100	400	0	55.2	30-110	210.4	4.73	30	
Pentachlorophenol	359.8	100	400	0	90	37-94	288.4	22	30	
Pyridine	156.2	200	400	0	39	10-50	160.8	0	30	J
<i>Surr: 2,4,6-Tribromophenol</i>	741.8	0	1000	0	74.2	27-83	613.8	18.9	40	
<i>Surr: 2-Fluorobiphenyl</i>	631	0	1000	0	63.1	26-79	538.4	15.8	40	
<i>Surr: 2-Fluorophenol</i>	392.6	0	1000	0	39.3	13-56	401	2.12	40	
<i>Surr: 4-Terphenyl-d14</i>	720.2	0	1000	0	72	43-106	668	7.52	40	
<i>Surr: Nitrobenzene-d5</i>	612.4	0	1000	0	61.2	29-80	496	21	40	
<i>Surr: Phenol-d6</i>	247.4	0	1000	0	24.7	10-35	262	5.73	40	

The following samples were analyzed in this batch:

21071639-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **R322601d** Instrument ID **VMS8** Method: **SW8260C**

MLBK				Sample ID: 8V-BLKW1-210722-R322601d		Units: µg/L		Analysis Date: 7/22/2021 12:17 PM			
Client ID:		Run ID: VMS8_210722A		SeqNo: 7603718		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,1-Dichloroethene	ND	1.0									
1,2-Dichloroethane	ND	1.0									
2-Butanone	ND	5.0									
Benzene	ND	2.5									
Carbon tetrachloride	ND	1.0									
Chlorobenzene	ND	1.0									
Chloroform	ND	1.0									
Tetrachloroethene	ND	1.0									
Trichloroethene	ND	1.0									
Vinyl chloride	ND	1.0									
<i>Surr: 1,2-Dichloroethane-d4</i>	20.52	0	20	0	103	75-120	0				
<i>Surr: 4-Bromofluorobenzene</i>	19.86	0	20	0	99.3	80-110	0				
<i>Surr: Dibromofluoromethane</i>	20.39	0	20	0	102	85-115	0				
<i>Surr: Toluene-d8</i>	19.57	0	20	0	97.8	85-110	0				

LCS				Sample ID: 8V-LCSW1-210722-R322601d		Units: µg/L		Analysis Date: 7/22/2021 11:28 AM			
Client ID:		Run ID: VMS8_210722A		SeqNo: 7603717		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,1-Dichloroethene	20.39	1.0	20	0	102	70-145	0				
1,2-Dichloroethane	20.75	1.0	20	0	104	78-125	0				
2-Butanone	16.08	5.0	20	0	80.4	55-150	0				
Benzene	20.43	2.5	20	0	102	70-130	0				
Carbon tetrachloride	18.96	1.0	20	0	94.8	65-140	0				
Chlorobenzene	18.52	1.0	20	0	92.6	80-120	0				
Chloroform	19.12	1.0	20	0	95.6	66-135	0				
Tetrachloroethene	19.61	1.0	20	0	98	68-166	0				
Trichloroethene	18.26	1.0	20	0	91.3	77-125	0				
Vinyl chloride	16.35	1.0	20	0	81.8	50-136	0				
<i>Surr: 1,2-Dichloroethane-d4</i>	20.02	0	20	0	100	75-120	0				
<i>Surr: 4-Bromofluorobenzene</i>	19.92	0	20	0	99.6	80-110	0				
<i>Surr: Dibromofluoromethane</i>	20.55	0	20	0	103	85-115	0				
<i>Surr: Toluene-d8</i>	19.25	0	20	0	96.2	85-110	0				

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **R322601d** Instrument ID **VMS8** Method: **SW8260C**

MS Sample ID: 21071639-02A MS				Units: µg/L		Analysis Date: 7/22/2021 07:56 PM				
Client ID: D-001 Disposal		Run ID: VMS8_210722A		SeqNo: 7603735		Prep Date:		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	425.8	20	400	0	106	70-145		0		
1,2-Dichloroethane	395.8	20	400	0	99	78-125		0		
2-Butanone	329	100	400	0	82.2	55-150		0		
Benzene	418.4	50	400	10.8	102	70-130		0		
Carbon tetrachloride	371.8	20	400	0	93	65-140		0		
Chlorobenzene	370.4	20	400	0	92.6	80-120		0		
Chloroform	389.8	20	400	0	97.4	66-135		0		
Tetrachloroethene	396.4	20	400	0	99.1	68-166		0		
Trichloroethene	375.4	20	400	0	93.8	77-125		0		
Vinyl chloride	330	20	400	0	82.5	50-136		0		
<i>Surr: 1,2-Dichloroethane-d4</i>	381.8	0	400	0	95.4	75-120		0		
<i>Surr: 4-Bromofluorobenzene</i>	397.6	0	400	0	99.4	80-110		0		
<i>Surr: Dibromofluoromethane</i>	403.6	0	400	0	101	85-115		0		
<i>Surr: Toluene-d8</i>	392.8	0	400	0	98.2	85-110		0		

MSD Sample ID: 21071639-02A MSD				Units: µg/L		Analysis Date: 7/22/2021 08:13 PM				
Client ID: D-001 Disposal		Run ID: VMS8_210722A		SeqNo: 7603736		Prep Date:		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	426.8	20	400	0	107	70-145	425.8	0.235	30	
1,2-Dichloroethane	393.2	20	400	0	98.3	78-125	395.8	0.659	30	
2-Butanone	329.4	100	400	0	82.4	55-150	329	0.122	30	
Benzene	420.2	50	400	10.8	102	70-130	418.4	0.429	30	
Carbon tetrachloride	385.4	20	400	0	96.4	65-140	371.8	3.59	30	
Chlorobenzene	371.6	20	400	0	92.9	80-120	370.4	0.323	30	
Chloroform	393.6	20	400	0	98.4	66-135	389.8	0.97	30	
Tetrachloroethene	398.6	20	400	0	99.6	68-166	396.4	0.553	30	
Trichloroethene	378	20	400	0	94.5	77-125	375.4	0.69	30	
Vinyl chloride	330.6	20	400	0	82.6	50-136	330	0.182	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	395.8	0	400	0	99	75-120	381.8	3.6	30	
<i>Surr: 4-Bromofluorobenzene</i>	399.6	0	400	0	99.9	80-110	397.6	0.502	30	
<i>Surr: Dibromofluoromethane</i>	415.2	0	400	0	104	85-115	403.6	2.83	30	
<i>Surr: Toluene-d8</i>	404.8	0	400	0	101	85-110	392.8	3.01	30	

The following samples were analyzed in this batch: 21071639-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21071639
Project: Julio

QC BATCH REPORT

Batch ID: **R322574** Instrument ID **MOIST** Method: **SW3550C**

MBLK				Sample ID: WBLKS-R322574			Units: % of sample		Analysis Date: 7/21/2021 03:17 PM		
Client ID:		Run ID: MOIST_210721C		SeqNo: 7599229		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	ND	0.10									
LCS				Sample ID: LCS-R322574			Units: % of sample		Analysis Date: 7/21/2021 03:17 PM		
Client ID:		Run ID: MOIST_210721C		SeqNo: 7599228		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	99.99	0.10	100	0	100	98-102	0				
DUP				Sample ID: 21071309-05B DUP			Units: % of sample		Analysis Date: 7/21/2021 03:17 PM		
Client ID:		Run ID: MOIST_210721C		SeqNo: 7599214		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	23.69	0.10	0	0	0	0-0	21.67	8.91	10		
DUP				Sample ID: 21071543-03A DUP			Units: % of sample		Analysis Date: 7/21/2021 03:17 PM		
Client ID:		Run ID: MOIST_210721C		SeqNo: 7599225		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Moisture	0.98	0.10	0	0	0	0-0	0.93	5.24	10		

The following samples were analyzed in this batch:

21071639-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Chain of Custody Form

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Page 1 of 1

Sampler(s): Please Print & Sign

Bill Poma

Shipment Method:

Turnaround Time: (Business Days)

Other _____

Results Due Date:

7/23/2021

Relinquished by:

7/1

Tin

100

Received by

1

Tim

Not

ANSWER

Relinquished by: <i>FCD ex</i>	Date: 7/20/21	Time: 1600	Received by (Laboratory): <i>J. L. L.</i>	Date:	Time:	ALS Cooler ID	Cooler Temp	QC Package: (Check Box Below)		
Logged by (Laboratory): <i>DFS</i>	Date: 7/21/21	Time: 1000	Checked by (Laboratory): <i>CJC</i>				<input checked="" type="checkbox"/> Level II: Standard QC	<input type="checkbox"/> Level III: Raw Data	<input type="checkbox"/> TRRP LRC	<input type="checkbox"/> TRRP Level IV
						<input type="checkbox"/> Level IV: SW846 Methods/CLP like				
						<input type="checkbox"/> Other: _____				

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C

Sample Receipt ChecklistClient Name: **EQM - CINCINNATI**Date/Time Received: **20-Jul-21 16:00**Work Order: **21071639**Received by: **DS**Checklist completed by *Diane Sham*
eSignature

21-Jul-21

Date

Reviewed by: *Bill Carey*
eSignature

21-Jul-21

Date

Matrices: **Solid**Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<input type="text" value="4.8/4.8 c"/> <input type="text" value="IR1"/>		
Cooler(s)/Kit(s):	<input type="text"/>		
Date/Time sample(s) sent to storage:	<input type="text" value="7/21/2021 10:00:57 AM"/>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:	<input type="text"/>		

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310471
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/06/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale Operator Inbound Gross 123940 lb
In 08/06/2021 08:30:48 Scale LThoreson Tare 50280 lb
Out 08/06/2021 08:58:35 Scale LThoreson Net 73660 lb
Comments USEPA JULIO SITE Tons 36.83
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	36.83	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	36.83	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	36.83	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	36.83	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

700

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of			
			000				
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number	10674697		
4. Generator's Phone 734-740-9019				B. State Generator's ID			
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number		C. State Transporter's ID	State Transporter ID		
				D. Transporter's Phone	906-337-0017		
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID	State Transporter ID		
				F. Transporter's Phone	Transporter 2 Phone		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number		G. State Facility ID	State Facility ID		
				H. State Facility Phone	906-883-3504		
G E N E R A T O R				I. Misc. Comments			
a. PCB, lead arsenic impacted soil WM Profile # 128779MI				12. Containers	13. Total Quantity	14. Unit Wt./Vol.	
				No. Type	Total Qty.	Wt./Vol.	Comments
b. Waste Name WM Profile #				No. Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile #				No. Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name WM Profile #				No. Type	Total Qty.	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description				K. Disposal Location			
				Cell		Level	
				Grid			
15. Special Handling Instructions and Additional Information							
Purchase Order # 				EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month	Day	Year	
				8	6	21	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>Kurt Abramson</i>		Signature <i>Kurt Abramson</i>		Month	Day	Year	
				8	6	21	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month	Day	Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month	Day	Year	
				8	6	21	
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Pink- FACILITY USE ONLY				Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY		
				Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310476
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/06/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/06/2021 09:27:39	Scale	LThoreson		Tare	52200 lb
Out 08/06/2021 10:07:41	Scale	LThoreson		Net	87220 lb
				Tons	43.61

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	43.61	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	43.61	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	43.61	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	43.61	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID 0002	Manifest Doc No. 0002	2. Page 1 of 1/1
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID 10674698
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	D. Transporter's Phone 906-337-0617
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3504
11. Description of Waste Materials			12. Containers	I. Misc. Comments
G E N E R A T O R	a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No. 1	Type DT	Total Quantity 1 32 Y 43.6 Hous
	b. Waste Name WM Profile #	No.	Type	Total Qty. Wt / Vol. Comments
	c. Waste Name WM Profile #	No.	Type	Total Qty. Wt / Vol. Comments
	d. Waste Name WM Profile #	No.	Type	Total Qty. Wt / Vol. Comments
J. Additional Descriptions for Materials Listed Above Additional Description			K. Disposal Location	
			Cell	Level
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month 8 Day 6 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name Terry Nordstrom		Signature Terry Nordstrom		Month 8 Day 6 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name Linda Thoreson		Signature Linda Thoreson		Month 8 Day 6 Year 21
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name Linda Thoreson		Signature Linda Thoreson		Month 8 Day 6 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Pink- FACILITY USE ONLY				
Blue- GENERATOR #2 COPY				
Gold- TRANSPORTER #1 COPY				
Yellow- GENERATOR #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310480
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/06/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/06/2021 09:49:26	Scale	LThoreson		Tare	64220 lb
Out 08/06/2021 10:37:55	Scale	LThoreson		Net	115320 lb
				Tons	57.66

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	57.66	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	57.66	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	57.66	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	57.66	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Manifest Doc No. 0003	2. Page 1 of 1
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674699
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number		
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		
11. Description of Waste Materials		12. Containers No. Type 2+8 DT	13. Total Quantity 1	14. Unit Wt/Vol 454
a. PCB, lead arsenic impacted soil WM Profile # 128779MI				I. Misc. Comments 57.66 tons
b. Waste Name WM Profile #		No. Type	Total Qty.	Wt / Vol.
c. Waste Name WM Profile #		No. Type	Total Qty.	Wt / Vol.
d. Waste Name WM Profile #		No. Type	Total Qty.	Wt / Vol.
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location Cell Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		
		Month 8	Day 6	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Greg Tchida</i>		Signature <i>Greg Tchida</i>		
		Month 8	Day 6	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		
		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		
		Month 8	Day 6	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Pink- FACILITY USE ONLY				
Blue- GENERATOR #2 COPY				
Gold- TRANSPORTER #1 COPY				
Yellow- GENERATOR #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310487
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/06/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale Operator Inbound Gross 133680 lb
In 08/06/2021 11:10:11 Scale LThoreson Tare 50020 lb
Out 08/06/2021 11:36:04 Scale LThoreson Net 83660 lb
Comments USEPA JULIO SALVAGE SITE Tons 41.83
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	41.83	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	41.83	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	41.83	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	41.83	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Kurt (ct)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. <i>0004</i>	2. Page 1 of <i>/</i>
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>
5. Transporter 1 Company Name <i>Transporter 1 Company Name</i> B & B		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906-337-0017
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>
11. Description of Waste Materials G E N E R A T O R a. PCB, lead arsenic impacted soil WM Profile # 128779MI		12. Containers No. Type		F. Transporter's Phone <i>Transporter 2 Phone</i>
b. Waste Name WM Profile #		1 D+	1	G. State Facility ID <i>State Facility ID</i>
c. Waste Name WM Profile #		No.	Type	H. State Facility Phone 906-883-3564
d. Waste Name WM Profile #		No.	Type	Comments
e. Waste Name WM Profile #		No.	Type	Comments
f. Waste Name WM Profile #		No.	Type	Comments
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell		Level
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 8 Day 16 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Kurt Abramson</i>		Signature <i>Kurt Abramson</i>		Month 8 Day 16 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month 8 Day 16 Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed Name <i>Linda Peterson Operations Specialist</i>				
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310495
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/06/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/06/2021 12:56:18	Scale	LThoreson		Tare	64040 lb
Out 08/06/2021 13:38:24	Scale	LThoreson		Net	81120 lb
				Tons	40.56

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	40.56	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	40.56	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	40.56	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	40.56	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID 0005	Manifest Doc No. 0005	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	10674701	
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator ID	Transporter 1 ID	
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID 906-337-08	Transporter 1 Phone	
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone	Transporter 2 Phone	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Facility ID	State Facility ID	
				F. Transporter's Phone H. State Facility Phone 406-883-3544	Transporter 2 Phone	
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity Total Qty	14. Unit Wt./Vol.	I. Misc. Comments 40.56 tons	
G E N E R A T O R E	a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	2 + 8P	36 Y		
	b. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments	
	c. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments	
	d. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
Grid						
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 8	Day 6	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Bry Tchida</i>		Signature <i>Bry Tchida</i>		Month 8	Day 6	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Thorenson Operations Specialist</i>		Signature <i>Linda Thorenson</i>		Month 8	Day 6	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310500
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/06/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale Operator Inbound Gross 124040 lb
In 08/06/2021 13:57:06 Scale LThoreson Tare 50200 lb
Out 08/06/2021 14:22:54 Scale LThoreson Net 73840 lb
Comments USEPA JULIO SALVAGE SITE Tons 36.92
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	36.92	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	36.92	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	36.92	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	36.92	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID 734-740-9019	Manifest Doc No. 0006	2. Page 1 of / 0006 37
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID 10674702
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	
7. Transporter 2 Company Name <i>B & B</i>		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906-337-0017	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	
			F. Transporter's Phone Transporter 2 Phone	
			G. State Facility ID State Facility ID	
			H. State Facility Phone 906-883-3504	
11. Description of Waste Materials			12. Containers	I. Misc. Comments
a. PCB, lead arsenic impacted soil WM Profile # 128779MI			No. 1 Type DT	Total Qty. 975 SPY 36.90 tons
b. Waste Name WM Profile #			No. Type	Total Qty. Wt./Vol. Comments
c. Waste Name WM Profile #			No. Type	Total Qty. Wt./Vol. Comments
d. Waste Name WM Profile #			No. Type	Total Qty. Wt./Vol. Comments
J. Additional Descriptions for Materials Listed Above Additional Descriptions			K. Disposal Location	
			Cell	Level
			Grid	
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 8 Day 6 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Kurt Aberson</i>		Signature <i>Kurt Aberson</i>		Month 8 Day 6 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoresen</i> Operations Specialist White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Signature <i>Linda Thoresen</i>		Month 8 Day 6 Year 21
Pink- FACILITY USE ONLY		Blue- GENERATOR #2 COPY Gold- TRANSPORTER #1 COPY		Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310502
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/06/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	135420 lb
In	Scale	LThoreson	Tare	52020 lb	
Out	Scale	LThoreson	Net	83400 lb	
			Tons		41.70
08/06/2021 14:21:21	Scale				
08/06/2021 14:49:47	Scale				

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	41.70	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	41.70	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	41.70	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	41.70	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator 1 ID 0007	Manifest Doc No. 0007	2. Page 1 of 1 Page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator ID
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 906-337-0017
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32 Wt. 41.70 tons	I. Misc. Comments
b. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell	Grid	Level
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		
		Month 08	Day 06	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name Terry Vardstrom		Signature Terry Vardstrom		
		Month 08	Day 06	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name Linda Thompson		Signature Linda Thompson		
		Month 08	Day 06	Year 21
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name Linda Thompson		Signature Linda Thompson		
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY	Month 08 Day 06 Year 21
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310511

Ph: 906-883-3504

Customer Name EQM EQM

Ticket Date 08/09/2021

Payment Type Credit Account

Manual Ticket#

Route

Hauling Ticket#

Destination

PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING

Vehicle# 700

Volume

Container

Driver

Check#

Billing# 0000487

Grid

Time	Scale	Operator	Inbound	Gross	118760 lb
In	Scale	LThoreson		Tare	50880 lb
Out	Scale	LThoreson		Net	67880 lb
				Tons	33.94
08/09/2021 08:25:59	Scale	LThoreson			
08/09/2021 08:52:19	Scale	LThoreson			

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	33.94	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	33.94	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	33.94	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	33.94	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID No.	Manifest Doc No. 0008	2. Page 1 of 1
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator ID
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 906-337-8017
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID
				F. Transporter's Phone Transporter 1 Phone
				G. State Facility ID State Facility ID
				H. State Facility Phone 906-883-3564
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity Total Qty	14. Unit Wt./Vol. Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32 Y	33.94 tons
b. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments
c. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments
d. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell	Level	
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month Day Year 08 09 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Kurt Abeanson</i>		Signature <i>Kurt Abeanson</i>		Month Day Year 08 09 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month Day Year 08 09 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Pink- FACILITY USE ONLY		B1a- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY
		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310512
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

	Carrier	SUPERIORSANDGRAVEL	Superior Sand & G			
	Vehicle#	19	Volume			
	Container					
	Driver					
	Check#					
	Billing#	0000487				
	Grid					
In	Time	Scale	Operator	Inbound	Gross	130100 lb
In	08/09/2021 08:37:36	Scale	LThoreson	Tare	53240 lb	
Out	08/09/2021 09:10:49	Scale	LThoreson	Net	76860 lb	
				Tons	38.43	

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	38.43	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	38.43	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	38.43	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	38.43	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID Number</i>	Manifest Doc No. <i>0009</i>	2. Page 1 of / <i>Page 1</i>		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA 10674705		
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>		
5. Transporter 1 Company Name <i>B&B Superior Sand & Gravel</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>906 337 0017</i>		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>		
11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil <i>WM Profile # 128779MI</i>		No. Type 1 DT	1	<i>31 yds^3</i>	<i>38.43 tons</i>	
b. Waste Name <i>WM Profile # WM Profile Number</i>		No. Type	Total Qtry.	Wt./Vol.	Comments	
c. Waste Name <i>WM Profile # WM Profile Number</i>		No. Type	Total Qtry.	Wt./Vol.	Comments	
d. Waste Name <i>WM Profile # WM Profile Number</i>		No. Type	Total Qtry.	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE:						
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month	Day	Year
				<i>08</i>	<i>09</i>	<i>21</i>
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>michael Tchris</i>		Signature <i>michael Tchris</i>		Month	Day	Year
				<i>8</i>	<i>9</i>	<i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal						
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Thoreson</i>		Signature <i>Linda Thoreson</i>		Month	Day	Year
				<i>8</i>	<i>9</i>	<i>21</i>
WASTE TREATMENT, STORAGE, DISPOSAL FACILITY COPY						
GENERATOR #2 COPY						
V.H. GENERATOR #1 COPY						

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name

Signature

Month **Day** **Year**

Linda Barnes Specialis

White- TREATMENT, STORAGE, DISPOSAL FACILITY COP

Blue-

OR #1 COPY

Pink- FACILITY USE ONLY

Gold-TR



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310516

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/09/2021 09:14:08	Scale	LThoreson		Tare	52300 lb
Out 08/09/2021 09:43:16	Scale	LThoreson		Net	70320 lb
				Tons	35.16

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	35.16	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	35.16	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	35.16	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	35.16	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Sherry (L)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0010	Manifest Doc No. 0010	2. Page 1 of Page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674706
4. Generator's Phone 734-740-9019			B. State Generator's ID State Generator's ID	
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906-337-0017	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	
			F. Transporter's Phone Transporter 2 Phone	
			G. State Facility ID State Facility ID	
			H. State Facility Phone 906-883-3504	
11. Description of Waste Materials			12. Containers	I. Misc. Comments
a. PCB, lead arsenic impacted soil WM Profile # 128779MI			No. 1 Type DT	Total Qty 1 Wt / Vol. 32 Y (35.16 tons)
b. Waste Name WM Profile # WM Profile Number			No. Type	Total Qty Wt / Vol. Comments
c. Waste Name WM Profile # WM Profile Number			No. Type	Total Qty Wt / Vol. Comments
d. Waste Name WM Profile # WM Profile Number			No. Type	Total Qty Wt / Vol. Comments
J. Additional Descriptions for Materials Listed Above Additional Description			K. Disposal Location	
			Cell	Level
			Grid	
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08 Day 09 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Jerry Nordstrom</i>		Signature <i>Jerry Nordstrom</i>		Month 08 Day 09 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month 08 Day 09 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Blue- GENERATOR #2 COPY				
Gold- TRANSPORTER #1 COPY				
Pink- FACILITY USE ONLY				
Yellow- GENERATOR #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310517

Ph: 906-883-3504

Customer Name EQM EQM

Ticket Date 08/09/2021

Payment Type Credit Account

Manual Ticket#

Route

Hauling Ticket#

Destination

PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING

Vehicle# 2020

Volume

Container

Driver

Check#

Billing# 0000487

Grid

Time	Scale	Operator	Inbound	Gross	157260 lb
In 08/09/2021 09:22:19	Scale	LThoreson		Tare	64640 lb
Out 08/09/2021 10:08:42	Scale	LThoreson		Net	92620 lb
				Tons	46.31

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	46.31	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	46.31	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	46.31	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	46.31	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Doug (L)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator #10 0011	Manifest Doc No. 0011	2. Page 1 of 1 Page			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA			
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator's ID			
5. Transporter 1 Company Name <i>B & B</i> Transporter 1 Company Name		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID			
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 906-337-0017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID			
				F. Transporter's Phone Transporter 2 Phone			
				G. State Facility ID State Facility ID			
				H. State Facility Phone 906-883-3504			
G E N E R A T O R	11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
	a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No.	Type	1	45'Y	46.31400	
	b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments	
	c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments	
	d. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location					
		Cell		Level			
		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE:							
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>			Month	Day	Year
					08	09	21
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>Greg Tchida</i>		Signature <i>Greg Tchida</i>			Month	Day	Year
					08	09	21
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal							
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>Linda Ahrenson</i>		Signature <i>Linda Ahrenson</i>			Month	Day	Year
					08	09	21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY							
Blue- GENERATOR #2 COPY							
Gold- TRANSPORTER #1 COPY							
Pink- FACILITY USE ONLY							
Yellow- GENERATOR #1 COPY							



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310518

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale
In 08/09/2021 09:27:58 Scale
Out 08/09/2021 10:23:37 Scale

Inbound	Gross	79840 lb
	Tare	32900 lb
	Net	46940 lb
	Tons	23.47

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	23.47	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	23.47	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	23.47	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	23.47	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Wayne (st)



NON-HAZARDOUS MANIFEST



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310526

Ph: 906-883-3504

Customer Name EQM EQM

Ticket Date 08/09/2021

Payment Type Credit Account

Manual Ticket#

Route

Hauling Ticket#

Destination

PO# 023944

Carrier SUPERIORSANDGRAVEL Superior Sand & G
Vehicle# 19 Volume

Container

Driver

Check#

Billing# 0000487

Grid

Time	Scale	Operator	Inbound	Gross	134280 lb
In 08/09/2021 11:14:32	Scale	LThoreson		Tare	53040 lb
Out 08/09/2021 11:36:34	Scale	LThoreson		Net	81240 lb
				Tons	40.62

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	40.62	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	40.62	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	40.62	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	40.62	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator's ID 0013	Manifest Doc No. 0013	2. Page 1 of Page 1
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674709
4. Generator's Phone 734-740-9019		C. State Transporter's ID State Transporter ID	D. Transporter's Phone 906-337-0017
5. Transporter 1 Company Name <i>BB Superior Sand & Gravel</i>	6. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	F. Transporter's Phone Transporter 2 Phone
7. Transporter 2 Company Name Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3564
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	I. Misc. Comments	
11. Description of Waste Materials E N E R A T O R a. PCB, lead arsenic impacted soil WM Profile # 128779MI	12. Containers No. Type 1 DT	13. Total Quantity 1 32 Y	40.62 tons
b. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.
c. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.
d. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location Cell Grid		
15. Special Handling Instructions and Additional Information			
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.			
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>	Month 08	Day 09
TRANSPORTER	Year 21		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Michael Tchala</i>	Signature <i>Michael Tchala</i>	Month 08	Day 09
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name	Signature	Year 21	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.			
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed Name <i>Linda Thoreson Specialist</i>	Signature <i>Linda Thoreson</i>	Month 08	Day 09
Facility Owner Operator	Year 21		
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY	Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY	Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310528

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	130760 lb
In 08/09/2021 11:53:04	Scale	LThoreson	Tare	52160	lb
Out 08/09/2021 12:24:58	Scale	LThoreson	Net	78600	lb
			Tons	39.30	

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	39.30	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	39.30	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	39.30	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	39.30	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator ID</i>	Manifest Doc No. <i>0014</i>	2. Page 1 of <i>800+1</i>			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674710		
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>			
5. Transporter 1 Company Name <i>Transporter 1 Company Name</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>			
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906 337 0017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>			
11. Description of Waste Materials		12. Containers		13. Total Quantity	I. Misc. Comments		
a. PCB, lead arsenic impacted soil <i>WM Profile # 128779MI</i>	No.	Type	1	32 Y	39.3 Ontario		
b. Waste Name <i>WM Profile #</i>	No.	Type	Total Qty	Wt / Vol	Comments		
c. Waste Name <i>WM Profile #</i>	No.	Type	Total Qty	Wt / Vol	Comments		
d. Waste Name <i>WM Profile #</i>	No.	Type	Total Qty	Wt / Vol	Comments		
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>	K. Disposal Location						
	Cell			Level			
	Grid						
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>			Month 08	Day 09	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>Terry Nordstrom</i>		Signature <i>Terry Nordstrom</i>			Month 08	Day 09	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>			Month 08	Day 09	Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310529

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Time	Scale	Operator	Inbound	Gross	127100 lb
In 08/09/2021 12:05:05	Scale	LThoreson	Tare	50720 lb	
Out 08/09/2021 12:29:44	Scale	LThoreson	Net	76380 lb	
			Tons	38.19	

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	38.19	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	38.19	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	38.19	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	38.19	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0015	Manifest Doc No. 0015	2. Page 1 of 1			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA			
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator's ID			
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID			
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 906-337-0015			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID			
				F. Transporter's Phone Transporter 2 Phone			
				G. State Facility ID State Facility ID			
				H. State Facility Phone 906-883-3584			
11. Description of Waste Materials			12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments <i>38,19 tons</i>	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI			No. 1 Type DT	1	32Y		
b. Waste Name WM Profile #			No. Type	Total Qty	Wt./ Vol	Comments	
c. Waste Name WM Profile #			No. Type	Total Qty	Wt./ Vol	Comments	
d. Waste Name WM Profile #			No. Type	Total Qty	Wt./ vol	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description			K. Disposal Location				
			Cell		Level		
			Grid				
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE:							
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>			Month 08	Day 09	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>Kurt Abramson</i>		Signature <i>Kurt Abramson</i>			Month 8	Day 9	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal							
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>			Month 8	Day 9	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY							
Pink- FACILITY USE ONLY							
Blue- GENERATOR #2 COPY							
Gold- TRANSPORTER #1 COPY							
Yellow- GENERATOR #1 COPY							



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310531
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/09/2021 12:20:40	Scale	LThoreson		Tare	64380 lb
Out 08/09/2021 13:01:25	Scale	LThoreson		Net	91140 lb
				Tons	45.57

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	45.57	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	45.57	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	45.57	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	45.57	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Mug (af)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator ID 0016	Manifest Doc No. 0016	2. Page 1 of 1	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator's ID
5. Transporter 1 Company Name B & B		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 906-337-0017
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID
				F. Transporter's Phone Transporter 2 Phone
				G. State Facility ID State Facility ID
				H. State Facility Phone 906-883-3504
11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No. 2 + 3P DT	1	404	4557 Hons
b. Waste Name WM Profile #	No. 2	Total Qty	Wt./Vol.	Comments
c. Waste Name WM Profile #	No. 2	Total Qty	Wt./Vol.	Comments
d. Waste Name WM Profile #	No. 2	Total Qty	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell		Level
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month 08 Day 09 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name Greg Tech. Jg		Signature Greg Tech. Jg		Month 08 Day 09 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month 08 Day 09 Year 21
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name Linda Thoreson Operations Specialist		Signature Linda Thoreson		Month 08 Day 09 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310534

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	84140 lb
In 08/09/2021 12:38:57	Scale	LThoreson		Tare	32740 lb
Out 08/09/2021 13:15:57	Scale	LThoreson		Net	51400 lb
				Tons	25.70

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	25.70	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	25.70	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	25.70	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	25.70	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Wayne (gt)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>USEPA ID#</i>	Manifest Doc No. <i>0017</i>	2. Page 1 of <i>1</i>	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674713
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>	
5. Transporter 1 Company Name <i>Transporter 1 Company Name</i> B&B		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>	
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 9063370017	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>	
11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. PCB, lead arsenic impacted soil <i>WM Profile # 128779MI</i>		No. 1 Type DT	1	24 Y	25.70 tons
b. Waste Name <i>WM Profile #</i>		No. Type 	Total Qty 	Wt./Vol. 	Comments
c. Waste Name <i>WM Profile #</i>		No. Type 	Total Qty 	Wt./Vol. 	Comments
d. Waste Name <i>WM Profile #</i>		No. Type 	Total Qty 	Wt./Vol. 	Comments
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>		K. Disposal Location			
		Cell		Level	
		Grid			
15. Special Handling Instructions and Additional Information					
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE:					
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.					
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>			Month 08 Day 09 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed Name <i>Wayne Bowden</i>		Signature <i>Wayne Bowden</i>			Month 08 Day 09 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed Name		Signature			Month Day Year
19. Certificate of Final Treatment/Disposal					
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>			Month 08 Day 09 Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310543

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier SUPERIORSANDGRAVEL Superior Sand & G
Vehicle# 19 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	136000 lb
In	Scale	LThoreson	Tare	53440 lb	
Out	Scale	LThoreson	Net	82560 lb	
			Tons		41.28

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	41.28	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	41.28	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	41.28	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	41.28	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator #10	Manifest Doc No. 0018	2. Page 1 of Page 1			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674714		
4. Generator's Phone 734-740-9019						
5. Transporter 1 Company Name <i>B & B Superior Sand & Gravel</i>	6. US EPA ID Number US EPA ID Number					
7. Transporter 2 Company Name Handocote 2 Company Name	8. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	D. Transporter's Phone 906-337-0017	E. State Transporter's ID State Transporter ID		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	F. Transporter's Phone Transporter 2 Phone	G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3504		
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.		
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32 Y	<i>41.28 tons</i>		
b. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments		
c. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments		
d. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments		
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 09	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Michael Techota</i>		Signature <i>Michael Techota</i>		Month 08	Day 09	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Thoreson Specialist</i>		Signature <i>Linda Thoreson</i>		Month 08	Day 09	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY						
Blue- GENERATOR #2 COPY						
Gold- TRANSPORTER #1 COPY						
Yellow- GENERATOR #1 COPY						

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310545

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/09/2021 14:50:54	Scale	LThoreson		Tare	51940 lb
Out 08/09/2021 15:18:44	Scale	LThoreson		Net	85340 lb
				Tons	42.67

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	42.67	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	42.67	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	42.67	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	42.67	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator's ID No.	Manifest Doc No. 0019	2. Page 1 of Page			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA			
4. Generator's Phone 734-740-9019			B. State Generator's ID State Generator's ID			
5. Transporter 1 Company Name B & B		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID			
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906 3370017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID			
			F. Transporter's Phone Transporter 2 Phone			
			G. State Facility ID State Facility ID			
			H. State Facility Phone 906-883-3504			
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity 1 324	14. Unit Wt./Vol. 42.67 tons	I. Misc. Comments	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT					
b. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments		
c. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments		
d. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments		
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month	Day	Year
				08	09	21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name Jerry Nordstrom		Signature Jerry Nordstrom		Month	Day	Year
				08	09	21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name Linda Horeson Operations Specialist		Signature Linda Horeson		Month	Day	Year
				08	09	21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310546

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/09/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	124700 lb
In 08/09/2021 14:55:59	Scale	LThoreson	Tare	50900	lb
Out 08/09/2021 15:25:06	Scale	LThoreson	Net	73800	lb
			Tons		36.90

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	36.90	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	36.90	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	36.90	Tons				HOUGMI
4 WWM-WASTE WATER MANAGEM	100	36.90	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator ID# <i>0020</i>	Manifest Doc No. <i>0020</i>	2. Page 1 of <i>1</i>	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674716
4. Generator's Phone 734-740-9019			State Generator's ID <i>State Generator's ID</i>	
5. Transporter 1 Company Name B & B		6. US EPA ID Number <i>US EPA ID Number</i>	C. State Transporter's ID <i>State Transporter ID</i>	
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>	D. Transporter's Phone 906 337 0017	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>	E. State Transporter's ID <i>State Transporter ID</i>	
			F. Transporter's Phone <i>Transporter 2 Phone</i>	
			G. State Facility ID <i>State Facility ID</i>	
			H. State Facility Phone 906-883-3564	
11. Description of Waste Materials			12. Containers	I. Misc. Comments
a. PCB, lead arsenic impacted soil WM Profile # 128779MI			No. 1 Type DT	Total Qty. 1 Wt./Vol. 32 Y <i>36.90 tons</i>
b. Waste Name WM Profile # <i>WM Profile Number</i>			No. Type 	Total Qty. Wt./Vol. Comments
c. Waste Name WM Profile # <i>WM Profile Number</i>			No. Type 	Total Qty. Wt./Vol. Comments
d. Waste Name WM Profile # <i>WM Profile Number</i>			No. Type 	Total Qty. Wt./Vol. Comments
J. Additional Descriptions for Materials Listed Above <i>Additional Descriptions for Materials Listed Above</i>			K. Disposal Location	
			Cell	Level
			Grid	
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08 Day 09 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Kurt Abramson</i>		Signature <i>Kurt Abramson</i>		Month 8 Day 9 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month 8 Day 9 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Blue- GENERATOR #2 COPY				
Yellow- GENERATOR #1 COPY				
Pink- FACILITY USE ONLY				
Gold- TRANSPORTER #1 COPY				

K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310548

Ph: 906-883-3504

EQM
09/2021
Credit Account

Carrier BB CONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

ket#
n 023944 Scale Operator Inbound Gross 164680 lb
Time LThoreson Tare 64200 lb
In 08/09/2021 15:23:29 Scale LThoreson Net 100480 lb
Out 08/09/2021 16:00:30 Scale Tons 50.24

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY, MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	50.24	Tons				HOUGMI
2 ENV-T-ENVIRONMENTAL FEE T	100	50.24	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	50.24	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	50.24	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Hraig (lt)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Manifest Doc No. 0021	2. Page 1 of 1	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674717	
4. Generator's Phone 734-740-9019		C. State Transporter's ID D. Transporter's Phone 906 337 0017		
5. Transporter 1 Company Name <i>R & D</i>	6. US EPA ID Number US EPA ID Number	E. State Transporter's ID F. Transporter's Phone		
7. Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	G. State Facility ID H. State Facility Phone 906-883-3504		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number			
11. Description of Waste Materials	12. Containers	13. Total Quantity	14. Unit Wt./Vol.	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No. DT 2 + 13P	1	45 30 Y 50.24 hours	
b. White Soil	No. Type	Total Qty.	Wt./Vol.	
c. White Soil	No. Type	Total Qty.	Wt./Vol.	
d. White Soil	No. Type	Total Qty.	Wt./Vol.	
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location			
	Cell	Level		
	Grid			
15. Special Handling Instructions and Additional Information				
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>	Month 08	Day 09	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Greg Tchida</i>	Signature <i>Greg Tchida</i>	Month 08	Day 09	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name	Signature	Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>	Signature <i>Linda Thoreson</i>	Month 08	Day 09	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310552
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	121880 lb
In 08/10/2021 08:26:50	Scale	chella		Tare	50820 lb
Out 08/10/2021 08:52:14	Scale	chella		Net	71060 lb
				Tons	35.53

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , MI

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	35.53	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	35.53	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	35.53	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	35.53	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *HWI* *Cea*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Manifest Doc No. 0022	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA		
4. Generator's Phone 734-740-9019				B. State Generator's ID 10674718		
5. Transporter 1 Company Name B&B		6. US EPA ID Number 128779MI		C. State Transporter's ID 9063370017		
7. Transporter 2 Company Name		8. US EPA ID Number 128779MI		D. Transporter's Phone 9063370017		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number 128779MI		E. State Transporter's ID 9063370017		
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.		
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32 Y	35.53 cu yd		
b. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol	Comments		
c. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol	Comments		
d. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol	Comments		
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location					
	Cell					
	Grid					
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month 8	Day 10	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name Kurt Abramson		Signature Kurt Abramson		Month 8	Day 10	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name Chetra Kelly		Signature Chetra Kelly		Month 8	Day 10	Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310554
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier SUPERIORSANDGRAVEL Superior Sand & G
Vehicle# 19 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/10/2021 08:36:48	Scale	chella		Tare	53240 lb
Out 08/10/2021 09:02:15	Scale	chella		Net	83040 lb
				Tons	41.52

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	41.52	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	41.52	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	41.52	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	41.52	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Mike*

CR



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID <i>0023</i>	Manifest Doc No. <i>0023</i>	2. Page 1 of <i>1</i>		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674719	
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator's ID		
5. Transporter 1 Company Name SuReRior SAND		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID State Transporter ID		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906 482 3130		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID State Transporter ID		
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI		12. Containers No. 1 Type DT	13. Total Quantity 1	14. Unit Wt./Vol. 32 Y	I. Misc. Comments 41.52 tons	
b. Waste Name WM Profile # WM Profile Number		No. Type 	Total Qty 	Wt./Vol. 	Comments 	
c. Waste Name WM Profile # WM Profile Number		No. Type 	Total Qty 	Wt./Vol. 	Comments 	
d. Waste Name WM Profile # WM Profile Number		No. Type 	Total Qty 	Wt./Vol. 	Comments 	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell 	Level 		Grid 	
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Brian Kelly		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 10	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name Michael Techols		Signature <i>Michael Techols</i>		Month 8	Day 10	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name Clayton Helm		Signature <i>Clayton Helm</i>		Month 8	Day 10	Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310556
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

	Carrier	BBCONTRACTING B&B CONTRACTING				
	Vehicle#	2020				
	Container	Volume				
	Driver					
	Check#					
	Billing#	0000487				
	Grid					
In	Time	Scale	Operator	Inbound	Gross	75160 lb
In	08/10/2021 08:56:54	Scale	chella		Tare	32880 lb
Out	08/10/2021 09:13:16	Scale	chella		Net	42280 lb
					Tons	21.14

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	21.14	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	21.14	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	21.14	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	21.14	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Sherri Ch*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID <i>0024</i>	Manifest Doc No. <i>0024</i>	2. Page 1 of <i>1</i>		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	10674720	
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>		
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>906 337 0017</i>		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>		
11. Description of Waste Materials		12. Containers No. Type		G. State Facility ID <i>State Facility ID</i>		
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1	DT	1	H. State Facility Phone <i>Facility Phone</i>		
b. Waste Name WM Profile #	No.	Type	Total Qty	Wt./Vol.	Comments	
c. Waste Name WM Profile #	No.	Type	Total Qty	Wt./Vol.	Comments	
d. Waste Name WM Profile #	No.	Type	Total Qty	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month <i>8</i>	Day <i>10</i>	Year <i>21</i>
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Shane Karro</i>		Signature <i>Shane</i>		Month <i>8</i>	Day <i>10</i>	Year <i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Chetan Kelly</i>		Signature <i>Chetan Kelly</i>		Month <i>8</i>	Day <i>10</i>	Year <i>21</i>

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310559
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

In	08/10/2021 09:10:00	Scale	Operator chella	Inbound	Gross 140840 lb
Out	08/10/2021 09:41:07	Scale	chella	Tare	52240 lb
				Net	88600 lb
				Tons	44.30

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	44.30	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	44.30	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	44.30	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	44.30	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature 



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>USEPA ID</i>	Manifest Doc No. <i>0025</i>	2. Page 1 of <i>1</i>			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	10674721		
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>			
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter's ID</i>			
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>9063370017</i>	E. State Transporter's ID <i>State Transporter's ID</i>		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		F. Transporter's Phone <i>Transporter 2 Phone</i>	G. State Facility ID <i>State Facility ID</i>		
11. Description of Waste Materials		12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No.	Type	1	DT	1	<i>32 Y 44.30 tons</i>	
b. <i>Waste Name</i>	No.	Type				<i>Comments</i>	
c. <i>Waste Name</i>	No.	Type				<i>Comments</i>	
d. <i>Waste Name</i>	No.	Type				<i>Comments</i>	
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>	K. Disposal Location						
	Cell			Level			
Grid							
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE:							
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>B. Kelly</i>			Month 08	Day 10	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>Terry Nordstrom</i>		Signature <i>Terry Nordstrom</i>			Month 08	Day 10	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal							
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>Chrylon Kelly</i>		Signature <i>Chrylon Kelly</i>			Month 8	Day 10	Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

~~One~~ GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310561
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

	Carrier	BBCONTRACTING B&B CONTRACTING
	Vehicle#	Volume
	Container	
	Driver	
	Check#	
	Billing#	0000487
	Grid	
In 08/10/2021 09:29:31	Scale	chella
Out 08/10/2021 10:09:04	Scale	chella

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Time	Scale	Operator	Inbound	Gross	lb
				Tare	lb
				Net	lb
				Tons	
				175000	lb
				64580	lb
				110420	lb
				55.21	

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	55.21	Tons				HOU GMI
2 ENVT-ENVIRONMENTAL FEE T	100	55.21	Tons				HOU GMI
3 FUEL-T-FUEL SURCHARGE TON	100	55.21	Tons				HOU GMI
4 WWMT-WASTE WATER MANAGEM	100	55.21	Tons				HOU GMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOU GMI

Total Tax
Total Ticket

Driver's Signature 



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>(Generator #1)</i>	Manifest Doc No. 0026	2. Page 1 of <i>Page 1</i>		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674722	
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>		
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906 337 0017		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>		
11. Description of Waste Materials		12. Containers No. Type <i>No. Type</i>		G. State Facility ID <i>State Facility ID</i>	H. State Facility Phone <i>Facility Phone</i>	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	DT <i>DT</i>		1	45Y	55.21 ton	
b. Waste Name WM Profile #						
c. Waste Name WM Profile #						
d. Waste Name WM Profile #						
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>		K. Disposal Location Cell Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 10	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Greg Tchividz</i>		Signature <i>Greg Tchividz</i>		Month 08	Day 10	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Chayton Kelly</i>		Signature <i>Chayton Kelly</i>		Month 08	Day 10	Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310568
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	128680 lb
In	08/10/2021 10:57:58	chella	Tare	50140 lb	
Out	08/10/2021 11:19:03	chella	Net	78540 lb	
			Tons	39.27	

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	39.27	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	39.27	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	39.27	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	39.27	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID	Manifest Doc No. 0027	2. Page 1 of Page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674723
4. Generator's Phone 734-740-9019			C. State Transporter's ID	D. Transporter's Phone 906 337 0017
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number US EPA ID Number	E. State Transporter's ID	F. Transporter's Phone
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	G. State Facility ID	H. State Facility Phone
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	I. Misc. Comments	
11. Description of Waste Materials		12. Containers No. Type	13. Total Quan	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32Y	39.27 cu
b. Waste Name WM Profile #				
c. Waste Name WM Profile #				
d. Waste Name WM Profile #				
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location Cell Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08 Day 10 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Kurt Abramson</i>		Signature <i>Kurt Abramson</i>		Month 08 Day 10 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Chayton Helle</i>		Signature <i>Chayton Helle</i>		Month 08 Day 10 Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310569
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier	SUPERIORSANDGRAVEL	Superior Sand & G
Vehicle#	19	Volume
Container		
Driver		
Check#		
Billing#	0000487	
Grid		

In	Time	Scale	Operator	Inbound	Gross	148360 lb
In	08/10/2021 11:16:13	Scale	chella	Tare	53040 lb	
Out	08/10/2021 11:36:43	Scale	chella	Net	95320 lb	
				Tons	47.66	

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	47.66	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	47.66	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	47.66	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	47.66	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Mike* *CD*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID 0028	Manifest Doc No. 0028	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674724		
4. Generator's Phone 734-740-9019						
5. Transporter 1 Company Name Superior Sand S		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID			
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906 487 3130			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID			
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity 1	14. Unit Wt./Vol. 32Y	I. Misc. Comments 47.66 ton	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1	DT				
b. Waste Name WM Profile #	No.	Type	Total Qty.	Wt./Vol.	Comments	
c. Waste Name WM Profile #	No.	Type	Total Qty.	Wt./Vol.	Comments	
d. Waste Name WM Profile #	No.	Type	Total Qty.	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Descriptions		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month 08	Day 10	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name Michael Tchida		Signature Michael Tchida		Month 08	Day 10	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name Clyton Kelly		Signature Clyton Kelly		Month 08	Day 10	Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310570
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/10/2021 11:25:44	Scale	chella		Tare	32840 lb
Out 08/10/2021 11:50:40	Scale	chella		Net	50800 lb
				Tons	25.40

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	25.40	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	25.40	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	25.40	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	25.40	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Silvia Cb*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID <i>0029</i>	Manifest Doc No. <i>0029</i>	2. Page 1 of Page <i>1</i>
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA B. State Generator's ID 10674725
4. Generator's Phone 734-740-9019				C. State Transporter's ID 9063370017
5. Transporter 1 Company Name B & B		6. US EPA ID Number US EPA ID Number		D. Transporter's Phone 9063370017
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		F. Transporter's Phone Transporter 2 Phone
11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI		No. 1 Type DT	1	24 Y 25.40 ton
b. Waste Name WM Profile #		No. 1 Type DT	Total Qty. 1	wt./Vol. 25.40 ton
c. Waste Name WM Profile #		No. 1 Type DT	Total Qty. 1	Comments
d. Waste Name WM Profile #		No. 1 Type DT	Total Qty. 1	Comments
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell		Level
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08 Day 10 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Shane Karriso</i>		Signature <i>Shane Karriso</i>		Month 08 Day 10 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month 08 Day 10 Year 21
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name		Signature		Month 08 Day 10 Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310572
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/10/2021 11:56:23	Scale	chella	Tare	52080	lb
Out 08/10/2021 12:26:16	Scale	chella	Net	89800	lb
			Tons	44.90	

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	44.90	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	44.90	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	44.90	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	44.90	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature 



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's Name 0030	Manifest Doc No.	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID		
4. Generator's Phone 734-740-9019						
5. Transporter 1 Company Name Transporter 1 Company Name B&B		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter's ID			
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 9063370017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter's ID			
11. Description of Waste Materials		12. Containers No. Type	G. State Facility ID State Facility ID			
a. PCB, lead arsenic impacted soil WM Profile # 128779MI		1 DT 1 32 Y 44.90 ton	H. State Facility Phone Facility Phone			
b. Waste Name WM Profile # WM Profile Number		No. Type Total Qty. Wt./Vol. Comments				
c. Waste Name WM Profile # WM Profile Number		No. Type Total Qty. Wt./Vol. Comments				
d. Waste Name WM Profile # WM Profile Number		No. Type Total Qty. Wt./Vol. Comments				
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month 08	Day 10	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name Jerry Nordsrom		Signature Jerry Nordsrom		Month 08	Day 10	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name Cayton Helm		Signature Cayton Helm		Month 08	Day 10	Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310579
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	124920 lb
In	Scale	chella		Tare	50260 lb
Out	Scale	chella		Net	74660 lb
				Tons	37.33

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	37.33	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	37.33	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	37.33	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	37.33	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature 



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID 0031	Manifest Doc No. 0031	2. Page 1 of Page 1
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674727
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 9063370017	E. State Transporter's ID State Transporter ID
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	F. Transporter's Phone	G. State Facility ID State Facility ID
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	I. Misc. Comments
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32Y	37,33 ton
b. WM Profile #	No. Type	Total Qty.	Wt/Vol.	Comments
c. WM Profile #	No. Type	Total Qty.	Wt/Vol.	Comments
d. WM Profile #	No. Type	Total Qty.	Wt/Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell		Level
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08 Day 10 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Kurt Abramson</i>		Signature <i>Kurt Abramson</i>		Month 8 Day 10 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Chayton Kelly</i>		Signature <i>Chayton Kelly</i>		Month 8 Day 10 Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310580
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

	Carrier	BBCONTRACTING B&B CONTRACTING				
	Vehicle#	2020				
	Container	Volume				
	Driver					
	Check#					
	Billing#	0000487				
	Grid					
In 08/10/2021 13:56:13	Time	Scale	Operator	Inbound	Gross	150580 lb
Out 08/10/2021 14:24:29		Scale	chella	Tare	64840 lb	
		Scale	chella	Net	85740 lb	
				Tons	42.87	

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	42.87	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	42.87	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	42.87	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	42.87	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Greg A.*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. <i>0032</i>	2. Page 1 of <i>1</i>		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number <i>WMNA</i>	B. State Generator's ID <i>State Generator's ID</i>	
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>		
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter's ID</i>		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>9063370017</i>		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter's ID</i>		
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI		12. Containers No. Type 2 DT	13. Total Quantity 1	14. Unit Wt./Vol. 454	I. Misc. Comments 42.87	
b. Waste Name WM Profile #		No. Type	Total Qty	Wt./Vol.	Comments	
c. Waste Name WM Profile #		No. Type	Total Qty	Wt./Vol.	Comments	
d. Waste Name WM Profile #		No. Type	Total Qty	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 10	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Greg Tchida</i>		Signature <i>Greg Tchida</i>		Month 08	Day 10	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Clayton Kelly</i>		Signature <i>Clayton Kelly</i>		Month 08	Day 10	Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310582
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier	BBCONTRACTING B&B CONTRACTING				
Vehicle#	19				
Container	Volume				
Driver					
Check#					
Billing#	0000487				
Grid					
Time	Scale	Operator	Inbound	Gross	134180 lb
In 08/10/2021 14:06:22	Scale	chella		Tare	54060 lb*
Out 08/10/2021 14:33:07	Scale	chella		Net	80120 lb
		* Manual Weight		Tons	40.06

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	40.06	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	40.06	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	40.06	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	40.06	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Mike Ck*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID No.	Manifest Doc No. 0033	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674729	
4. Generator's Phone 734-740-9019				B. State Generator's ID		
5. Transporter 1 Company Name <i>B Superior SANDS</i>		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID		
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 906 482 3130		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID		
11. Description of Waste Materials		12. Containers No. Type		13. Total Quantity	14. Unit Wt./Vol.	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32 Y	40.06 ton		
b. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments		
c. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments		
d. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments		
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 10	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Michael Tchida</i>		Signature <i>michael Tchida</i>		Month 08	Day 10	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>B Kelly</i>		Signature <i>B Kelly</i>		Month 08	Day 10	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310583
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	72600 lb
In	08/10/2021 14:16:11	Scale	chella	Tare	33140 lb*
Out	08/10/2021 14:53:03	Scale	chella	Net	39460 lb
* Manual Weight Tons 19.73					

Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY , M

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	19.73	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	19.73	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	19.73	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	19.73	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Shawn* *CD*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID <i>0034</i>	Manifest Doc No. <i>0034</i>	2. Page 1 of 1	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674730	
4. Generator's Phone 734-740-9019					
5. Transporter 1 Company Name B&B		6. US EPA ID Number US EPA ID Number <i>906 337 0017</i>	C. State Transporter's ID State Transporter ID <i>906 337 0017</i>		
7. Transporter 2 Company Name <i>None</i>		8. US EPA ID Number US EPA ID Number <i>None</i>	E. State Transporter's ID State Transporter ID <i>None</i>	F. Transporter's Phone Transporter 2 Phone <i>None</i>	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number <i>None</i>	G. State Facility ID State Facility ID <i>None</i>	H. State Facility Phone Facility Phone <i>None</i>	
11. Description of Waste Materials			12. Containers No. Type 1 DT	13. Total Quantity 1	14. Unit Wt./Vol. <i>24 Y 428 87 tons</i>
a. PCB, lead arsenic impacted soil WM Profile # 128779MI			No. Type <i>None</i>	Total Qty <i>None</i>	Wt./Vol <i>None</i>
b. Waste Name WM Profile # None			No. Type <i>None</i>	Total Qty <i>None</i>	Comments <i>None</i>
c. Waste Name WM Profile # None			No. Type <i>None</i>	Total Qty <i>None</i>	Comments <i>None</i>
d. Waste Name WM Profile # None			No. Type <i>None</i>	Total Qty <i>None</i>	Comments <i>None</i>
J. Additional Descriptions for Materials Listed Above Additional Description <i>None</i>			K. Disposal Location Cell Grid		
15. Special Handling Instructions and Additional Information					
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.					
Printed Name Brian Kelly		Signature "On behalf of" <i>Brian Kelly</i>			Month Day Year 08 10 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name Shane Karriso		Signature <i>Shane Karriso</i>			Month Day Year 08 10 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature			Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed Name Brian Kelly					
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY			Month Day Year 08 10 21
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY			Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310585
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/10/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier	BBCONTRACTING B&B CONTRACTING				
Vehicle#	2016				
Container	Volume				
Driver					
Check#					
Billing#	0000487				
Grid					
In Time	Scale	Operator	Inbound	Gross	139600 lb*
In 08/10/2021 14:50:43	Scale	chella		Tare	52200 lb*
Out 08/10/2021 15:14:54	Scale	chella		Net	87400 lb
		* Manual Weight		Tons	43.70

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	43.70	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	43.70	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	43.70	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	43.70	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Two C's*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID 0035	Manifest Doc No. 0035	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID 10674731		
4. Generator's Phone 734-740-9019						
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID			
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906 337 0017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID			
11. Description of Waste Materials		12. Containers No. Type 1 DT	13. Total Quantity 1	14. Unit Wt./Vol. 32 Y	I. Misc. Comments 43.70 tso	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI						
b. Waste Name WM Profile #		No. Type	Total Qty.	Wt./Vol.	Comments	
c. Waste Name WM Profile #		No. Type	Total Qty.	Wt./Vol.	Comments	
d. Waste Name WM Profile #		No. Type	Total Qty.	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
Grid						
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 10	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Terry Nordstrom</i>		Signature <i>Terry Nordstrom</i>		Month 08	Day 10	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Clayton Kelly</i>		Signature <i>Clayton Kelly</i>		Month 08	Day 10	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY			Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310592
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid
Time Scale Operator Inbound Gross 112860 lb*
In 08/11/2021 08:33:02 Scale LThoreson Tare 50600 lb*
Out 08/11/2021 08:56:54 Scale LThoreson Net 62260 lb
* Manual Weight Tons 31.13

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY manual full & mt wt indicator not working

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	31.13	Tons				HOU GMI
2 ENVT-ENVIRONMENTAL FEE T	100	31.13	Tons				HOU GMI
3 FUEL-T-FUEL SURCHARGE TON	100	31.13	Tons				HOU GMI
4 WWMT-WASTE WATER MANAGEM	100	31.13	Tons				HOU GMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOU GMI

Total Tax
Total Ticket

Driver's Signature *Kurt (H)*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0036	Manifest Doc No. 0036	2. Page 1 of 1			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674732		
4. Generator's Phone 734-740-9019				State Generator's ID			
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID			
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 906-337-0017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID			
				F. Transporter's Phone			
				G. State Facility ID State Facility ID			
				H. State Facility Phone 906-383-3504			
11. Description of Waste Materials		12. Containers No. Type		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments <i>31.13 tons</i>	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1	DT	1	32Y			
b. Waste Name WM Profile #	No.	Type	Total Qty	Wt./Vol.	Comments		
c. Waste Name WM Profile #	No.	Type	Total Qty	Wt./Vol.	Comments		
d. Waste Name WM Profile #	No.	Type	Total Qty	Wt./Vol.	Comments		
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location					
		Cell		Level			
		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>			Month	Day	Year
					08	11	21
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>Kurt Aberson</i>		Signature <i>Kurt Aberson</i>			Month	Day	Year
					8	11	21
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>			Month	Day	Year
					8	11	21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				Blue- GENERATOR #2 COPY			Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY				Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310593

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier SUPERIORSANDGRAVEL Superior Sand & G
Vehicle# 19 Volume
Container
Driver
Check#
Billing# 0000487
Grid
* Manual Weight

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY manual full & mt wt indicator not working

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	36.71	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	36.71	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	36.71	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	36.71	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's D 0037	Manifest Doc No. 0037	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	10674733	
4. Generator's Phone 734-740-9019				B. State Generator's ID		
5. Transporter 1 Company Name Superior Sands		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID		
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 906-482-3130		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID		
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI		12. Containers No. Type		G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3504	
b. Waste Name WM Profile #		No.	Type	Total Qty.	Wt./Vol.	
c. Waste Name WM Profile #		No.	Type	Total Qty.	Wt./Vol.	
d. Waste Name WM Profile #		No.	Type	Total Qty.	Wt./Vol.	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month 08	Day 11	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name Michael Nichols		Signature Michael Nichols		Month 08	Day 15	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name Linda Thoreson Operations Specialist		Signature Linda Thoreson		Month 08	Day 11	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310596

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	159320	lb*
In 08/11/2021 08:49:35	Scale	LThoreson	Tare	64240	lb*	
Out 08/11/2021 09:32:00	Scale	LThoreson	Net	95080	lb	
* Manual Weight			Tons	47.54		

Comments USEJPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY manual full &mt wt indicator is down

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	47.54	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	47.54	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	47.54	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	47.54	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Aneg (af)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Manifest Doc No. 0038	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674746		
4. Generator's Phone 734-740-9019			B. State Generator's ID State Generator's ID			
5. Transporter 1 Company Name B&B Company Name		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID			
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 9063370017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID			
			F. Transporter's Phone Transporter 2 Phone			
G. E N E R A T O R			G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3504		
11. Description of Waste Materials			12. Containers No. Type	13. Total Quantity 14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI			2 BP DT	1 45 Y	47.54 cu yd	
b. Waste Name WM Profile #			No. Type	Total Qty.	Wt./Vol.	
c. Waste Name WM Profile #			No. Type	Total Qty.	Wt./Vol.	
d. Waste Name WM Profile #			No. Type	Total Qty.	Wt./Vol.	
J. Additional Descriptions for Materials Listed Above Additional Descriptions			K. Disposal Location			
			Cell		Level	
			Grid			
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Brian Kelly		Signature "On behalf of" 		Month 08	Day 11	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name Bryg Tchida		Signature 		Month 08	Day 11	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name Operations industries on Special		Signature 		Month 08	Day 11	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310597
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

	Carrier	BBCONTRACTING B&B CONTRACTING		
	Vehicle#	Volume		
	Container			
	Driver			
	Check#			
	Billing#	0000487		
	Grid			
In 08/11/2021 08:55:33	Scale	LThoreson	Inbound	Gross 134020 lb*
Out 08/11/2021 09:50:17	Scale	LThoreson	Tare	52520 lb*
		* Manual Weight	Net	81500 lb
			Tons	40.75

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY manual full & mt wts indicator down

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	40.75	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	40.75	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	40.75	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	40.75	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. 0039	2. Page 1 of <i>Page</i>	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA B. State Generator's ID 10674734 <i>State Generator's ID</i>		
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name <i>Transporter 1 Company Name</i> B&B	6. US EPA ID Number <i>US EPA ID Number</i>	C. State Transporter's ID <i>State Transporter ID</i>		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>	8. US EPA ID Number <i>US EPA ID Number</i>	D. Transporter's Phone 906-332-0017 <i>Transporter 1 Phone</i>		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number <i>US EPA ID Number</i>	E. State Transporter's ID <i>State Transporter ID</i>		
11. Description of Waste Materials	12. Containers <i>No.</i> <i>Type</i>	13. Total Quantity <i>Total Qty.</i>	14. Unit Wt./Vol. <i>Wt./Vol.</i>	I. Misc. Comments <i>(40.75tons)</i>
a. PCB, lead arsenic impacted soil <i>WM Profile # 128779M1</i>	1 DT	1	32	
b. Waste Name <i>WM Profile #</i>	No. Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name <i>WM Profile #</i>	No. Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name <i>WM Profile #</i>	No. Type	Total Qty.	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above <i>Additional Descriptions</i>	K. Disposal Location <i>Cell</i> <i>Level</i> <i>Grid</i>			
15. Special Handling Instructions and Additional Information				
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>			Month Day Year 08 11 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Terry Nordstrom</i>	Signature <i>Terry Nordstrom</i>			Month Day Year 08 11 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature			Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thompson</i>	Signature <i>Linda Thompson</i>			Month Day Year 08 11 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Pink- FACILITY USE ONLY				
Blue- GENERATOR #2 COPY				
Gold- TRANSPORTER #1 COPY				
Yellow- GENERATOR #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310598
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY manual full & mt wts indicator is down

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	22.40	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	22.40	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	22.40	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	22.40	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0040	Manifest Doc No. 0040	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID State Generator #42 10674735	
4. Generator's Phone 734-740-9019						
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID D. Transporter's Phone 906 337 0017		
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID F. Transporter's Phone		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		G. State Facility ID State Facility ID H. State Facility Phone 906-883-3504		
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI			12. Containers No. Type	13. Total Quantity Total Qty.	14. Unit Wt./Vol. Wt./Vol.	
			1 DT	1 24 Y	22.40 tons	
b. Waste Name WM Profile # WM Profile Number			No. Type	Total Qty.	Comments	
			No. Type	Total Qty.	Comments	
c. Waste Name WM Profile # WM Profile Number			No. Type	Total Qty.	Comments	
			No. Type	Total Qty.	Comments	
d. Waste Name WM Profile # WM Profile Number			No. Type	Total Qty.	Comments	
			No. Type	Total Qty.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description			K. Disposal Location Cell Grid			
			Cell	Grid	Level	
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month	Day	Year
				08	11	21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Shane Karrio</i>		Signature <i>Shane Karrio</i>		Month	Day	Year
				08	11	21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month	Day	Year
				08	11	21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310607
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale
In 08/11/2021 11:11:22 Scale
Out 08/11/2021 11:34:55 Scale
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Inbound Gross 116100 lb*
Operator LT Thoreson Tare 50760 lb*
LT Thoreson Net 65340 lb
* Manual Weight Tons 32.67

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	32.67	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	32.67	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	32.67	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	32.67	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Kurt (A)*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0041	Manifest Doc No. 0041	2. Page 1 of Page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674736
4. Generator's Phone 734-740-9019			State Generator's ID 10674736	
5. Transporter 1 Company Name B & B		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	D. Transporter's Phone 906337 0017
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3504
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI		12. Containers No. Type 1 DT	13. Total Quantity 1 32 Y	I. Misc. Comments 32.67 tons
b. Waste Name WM Profile # WM Profile Number		No. Type	Total Qty.	Wt./Vol.
c. Waste Name WM Profile # WM Profile Number		No. Type	Total Qty.	Wt./Vol.
d. Waste Name WM Profile # WM Profile Number		No. Type	Total Qty.	Wt./Vol.
J. Additional Descriptions for Materials Listed Above Additional Descriptions		K. Disposal Location Cell Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month Day Year 08 11 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name Kurt Aberson Signature Kurt Aberson Month Day Year 8 11 21				
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name Signature Month Day Year				
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed Name Linda Thompson Specialist Signature Linda Thompson Month Day Year 8 11 21				
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310609

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier SUPERIORSANDGRAVEL Superior Sand & G
Vehicle# 19 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	133740 lb*
In	Scale	LThoreson	Tare	53280 lb*	
Out	Scale	LThoreson	Net	80460 lb	
		* Manual Weight	Tons	40.23	

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	40.23	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	40.23	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	40.23	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	40.23	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Mike (st)*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator's ID	Manifest Doc No. 0042	2. Page 1 of 1	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID	
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name <i>Superior Sand</i>	6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID		
7. Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906-482-3130		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID		
11. Description of Waste Materials G E N E R A T O R a. PCB, lead arsenic impacted soil WM Profile # 128779MI	12. Containers No. Type	13. Total Quantity 1	14. Unit Wt./Vol. 32 yds ³ <i>40.23 tons</i>	I. Misc. Comments
b. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location			
	Cell		Level	
Grid				
15. Special Handling Instructions and Additional Information				
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>			Month Day Year 08 11 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Michael Techios</i>	Signature <i>Michael Techios</i>			Month Day Year 08 11 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature			Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Johnson Specialist</i>	Signature <i>Linda Johnson</i>			Month Day Year 08 11 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Blue- GENERATOR #2 COPY				
Yellow- GENERATOR #1 COPY				
Pink- FACILITY USE ONLY				
Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310612
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

In 08/11/2021 12:07:00 Scale Operator Inbound Gross 161700 lb*
Out 08/11/2021 12:51:58 Scale LThoreson Tare 64800 lb*
Comments USEPA JULIO SALVAGE SITE Net 96900 lb
20675 ROYCE RD RIPLEY Tons 48.45

* Manual Weight

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	48.45	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	48.45	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	48.45	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	48.45	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Meg (st)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID No.: <i>0043</i>	Manifest Doc No. <i>0043</i>	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674738	
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator's ID		
5. Transporter 1 Company Name <i>B&B</i> Company Name		6. US EPA ID Number US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID State Transporter ID <i>State Transporter ID</i>		
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906-337-0017 E. State Transporter's ID State Transporter ID <i>State Transporter ID</i>		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number <i>US EPA ID Number</i>		F. Transporter's Phone Transporter 2 Phone <i>Transporter 2 Phone</i>		
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI		12. Containers No. 2 Type DT	13. Total Quantity 1	14. Unit Wt./Vol. 45 Y	I. Misc. Comments 48.45 tons	
b. Waste Name WM Profile # WM Profile Number		No. 1 Type DT	Total Qty 1	Unit Wt./Vol.	Comments	
c. Waste Name WM Profile # WM Profile Number		No. 1 Type DT	Total Qty 1	Unit Wt./Vol.	Comments	
d. Waste Name WM Profile # WM Profile Number		No. 1 Type DT	Total Qty 1	Unit Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location Cell Grid				
15. Special Handling Instructions and Additional Information Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 11	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Greg Tchividz</i>		Signature <i>Greg Tchividz</i>		Month 8	Day 11	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed Name <i>Linda Thoreson</i>		Signature <i>Linda Thoreson</i>		Month 8	Day 11	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310611

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	134080 lb*
In 08/11/2021 12:01:00	Scale	LThoreson		Tare	52560 lb*
Out 08/11/2021 12:30:01	Scale	LThoreson		Net	81520 lb
* Manual Weight Tons 40.76					

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	40.76	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	40.76	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	40.76	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	40.76	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Henry (st)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID <i>0044</i>	Manifest Doc No. <i>0044</i>	2. Page 1 of Page <i>1</i>
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>
5. Transporter 1 Company Name B&B <i>Company Name</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906 337 0017
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>
				F. Transporter's Phone <i>Transporter 2 Phone</i>
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32 Y	40.76 tons
b. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty	Wt./Vol	Comments
c. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty	Wt./Vol	Comments
d. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty	Wt./Vol	Comments
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location			
	Cell		Level	
Grid				
15. Special Handling Instructions and Additional Information				
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE:				
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>			Month 08 Day 11 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Terry Nordstrom</i>	Signature <i>Terry Nordstrom</i>			Month 08 Day 11 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature			Month Day Year
19. Certificate of Final Treatment/Disposal				
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson</i>	Signature <i>Linda Thoreson</i>			Month 08 Day 11 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310615
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Time	Scale	Operator	Inbound	Gross	75080 lb*
In 08/11/2021 12:32:15	Scale	LThoreson	Tare	33420 lb*	
Out 08/11/2021 13:02:56	Scale	LThoreson	Net	41660 lb	
* Manual Weight Tons 20.83					

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	20.83	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	20.83	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	20.83	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	20.83	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Name (St)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator #11 0045	Manifest Doc No. 0045	2. Page 1 of 1				
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator #10	10674740			
4. Generator's Phone 734-740-9019							
5. Transporter 1 Company Name B & B	6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	D. Transporter's Phone 986 337 0017				
7. Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	F. Transporter's Phone Transporter 2 Phone				
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3504				
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI	12. Containers No. Type 1 PT	13. Total Quantity 1	14. Unit Wt./Vol. 24 Y (20.83 tons)	I. Misc. Comments			
b. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments			
c. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments			
d. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments			
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location Cell Grid						
15. Special Handling Instructions and Additional Information							
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Brian Kelly	Signature "On behalf of" Brian Kelly			Month 08	Day 11	Year 21	
17. Transporter 1 Acknowledgement of Receipt of Materials					Month 08	Day 11	Year 21
Printed Name Shane Karris	Signature SK			Month 08	Day 11	Year 21	
18. Transporter 2 Acknowledgement of Receipt of Materials					Month 08	Day 11	Year 21
Printed Name	Signature			Month 08	Day 11	Year 21	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					Month 08	Day 11	Year 21
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					Month 08	Day 11	Year 21
Printed Name Linda Thoreson	Signature Linda Thoreson			Month 08	Day 11	Year 21	
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY					Blue- GENERATOR #2 COPY		
Pink- FACILITY USE ONLY					Gold- TRANSPORTER #1 COPY		
					Yellow- GENERATOR #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310621
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Time Scale
In 08/11/2021 14:03:32 Scale
Out 08/11/2021 14:28:32 Scale
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid
* Manual Weight

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	32.94	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	32.94	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	32.94	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	32.94	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator#1 0046	Manifest Doc No.	2. Page 1 of 1
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID
4. Generator's Phone 734-740-9019			C. State Transporter's ID D. Transporter's Phone 906-337-0017	
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number	E. State Transporter's ID F. Transporter's Phone	G. State Facility ID H. State Facility Phone 906-883-3564
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32 Y	<i>32.94 tons</i>
b. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell		Level
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month Day Year 08 11 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Kurt Aberson</i>		Signature <i>Kurt Aberson</i>		Month Day Year 08 11 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month Day Year 08 11 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310622
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier SUPERIORSANDGRAVEL Superior Sand & G
Vehicle# 19 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	134340 lb*
In 08/11/2021 14:17:21	Scale	LThoreson	Tare	53700 lb*	
Out 08/11/2021 14:46:00	Scale	LThoreson	Net	80640 lb	
		* Manual Weight	Tons		40.32

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	40.32	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	40.32	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	40.32	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	40.32	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator Site Address</i>	Manifest Doc No. <i>0047</i>	2. Page 1 of <i>1</i>	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number <i>WMNA</i>	B. State Generator's ID <i>10674742</i>
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator ID</i>	
5. Transporter 1 Company Name <i>Superior Sand</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>	
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>906-482-3130</i>	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>	
				F. Transporter's Phone <i>Transporter 2 Phone</i>	
				G. State Facility ID <i>State Facility ID</i>	
				H. State Facility Phone <i>906-883-3504</i>	
11. Description of Waste Materials			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI			No. Type 1 DT	1	324 <i>40.32 kgs</i>
b. Waste Name WM Profile # WM Profile Number			No. Type	Total Qty	Wt./Vol.
c. Waste Name WM Profile # WM Profile Number			No. Type	Total Qty	Wt./Vol.
d. Waste Name WM Profile # WM Profile Number			No. Type	Total Qty	Wt./Vol.
J. Additional Descriptions for Materials Listed Above Additional Description			K. Disposal Location		
			Cell		Level
			Grid		
15. Special Handling Instructions and Additional Information					
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.					
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>			Month Day Year 08 11 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Michael Tchida</i>		Signature <i>Michael Tchida</i>			Month Day Year 08 17 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature			Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					
Printed Name <i>Linda Thoreson Specialist</i>		Signature <i>Linda Thoreson</i>			Month Day Year 08 11 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310626
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid
Time Scale Operator Inbound Gross 135500 lb*
In 08/11/2021 14:44:46 Scale LThoreson Tare 52400 lb*
Out 08/11/2021 15:12:50 Scale LThoreson Net 83100 lb
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY * Manual Weight Tons 41.55

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	41.55	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	41.55	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	41.55	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	41.55	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID <i>0048</i>	Manifest Doc No. <i>0048</i>	2. Page 1 of <i>1</i>		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674743	
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>		
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906-337-0017		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>		
				F. Transporter's Phone 906-883-3504		
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity Total Qty	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	2 DT	1	<i>454</i>	<i>(41.55 tons)</i>		
b. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol	Comments		
c. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol	Comments		
d. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol	Comments		
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE:						
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month	Day	Year
				<i>08</i>	<i>11</i>	<i>21</i>
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Jerry Nerdstrom</i>		Signature <i>Jerry Nerdstrom</i>		Month	Day	Year
				<i>08</i>	<i>11</i>	<i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal						
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Honeson</i>		Signature <i>Linda Honeson</i>		Month	Day	Year
				<i>08</i>	<i>11</i>	<i>21</i>
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310627
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/11/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

	Time	Scale	Operator	Inbound	Gross	163780 lb*
In	08/11/2021 15:15:25	Scale	LThoreson	Tare	64520 lb*	
Out	08/11/2021 15:52:23	Scale	LThoreson	Net	99260 lb	
Comments	USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY		* Manual Weight	Tons	49.63	

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	49.63	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	49.63	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	49.63	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	49.63	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Hey (af)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator ID No. <i>0049</i>	Manifest Doc No. <i>0049</i>	2. Page 1 of Page <i>1</i>	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number <i>WMNA</i>	
4. Generator's Phone <i>734-740-9019</i>			B. State Generator's ID <i>10674744</i>	
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number <i>9063370017</i>	C. State Transporter's ID State Transporter ID <i>9063370017</i>	
7. Transporter 2 Company Name <i>United States Landfill</i>		8. US EPA ID Number US EPA ID Number <i>9068833504</i>	E. State Transporter's ID State Transporter ID <i>9068833504</i>	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number <i>9068833504</i>	G. State Facility ID State Facility ID <i>9068833504</i>	
11. Description of Waste Materials		12. Containers No. Type <i>2 135 DT</i>	13. Total Quantity 1	I. Misc. Comments <i>457 49.63 tons</i>
a. PCB, lead arsenic impacted soil WM Profile # 128779MI				
b. Waste Name WM Profile #				
c. Waste Name WM Profile #				
d. Waste Name WM Profile #				
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell		Level
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month <i>08</i> Day <i>17</i> Year <i>21</i>
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Bry Tchida</i>		Signature <i>Bry Tchida</i>		Month <i>08</i> Day <i>17</i> Year <i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month <i>08</i> Day <i>17</i> Year <i>21</i>
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month <i>08</i> Day <i>17</i> Year <i>21</i>
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310632
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

In 08/12/2021 08:24:25 Scale Operator Inbound Gross 122020 lb*
Out 08/12/2021 08:51:48 Scale LThoreson Tare 51280 lb*
Comments USEPA JULIO SALVAGE SITE Net 70740 lb
20675 ROYCE RD RIPLEY Tons 35.37

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	35.37	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	35.37	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	35.37	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	35.37	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Manifest Doc No. 0050	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674745		
4. Generator's Phone 734-740-9019			Share Generator's ID			
5. Transporter 1 Company Name B&B		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID			
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 9063370017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID			
			F. Transporter's Phone			
			G. State Facility ID State Facility ID			
			H. State Facility Phone 906-883-3504			
11. Description of Waste Materials			12. Containers No. Type	13. Total Quantity 1		
a.	PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	32 Y	35.37 Haud		
b.	Waste Name WM Profile #	No. Type	Total Qty.	Comments		
c.	Waste Name WM Profile #	No. Type	Total Qty.	Comments		
d.	Waste Name WM Profile #	No. Type	Total Qty.	Comments		
J. Additional Descriptions for Materials Listed Above Additional Description			K. Disposal Location			
			Cell	Level		
			Grid			
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month 08	Day 12	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name Kurt Abramson		Signature Kurt Abramson		Month 8	Day 12	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name Linda Thoreson		Signature Linda Thoreson		Month 8	Day 12	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310635
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	159580 lb*
In	Scale	LThoreson	Tare	64660 lb*	
Out	Scale	LThoreson	Net	94920 lb	
* Manual Weight Tons 47.46					
08/12/2021 08:47:21	Scale	LThoreson			
08/12/2021 09:17:04	Scale	LThoreson			

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	47.46	Tons				HOUGMI
2 ENVF-ENVIRONMENTAL FEE T	100	47.46	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	47.46	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	47.46	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Greg (st)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. USEPA Generator #B 0051	Manifest Doc No. 0051	2. Page 1 of 1				
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	10674747				
4. Generator's Phone 734-740-9019		B. State Generator's ID State Generator #D 9063370017						
5. Transporter 1 Company Name B & B Transporter 1 Company Name		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID					
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 9063370017					
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID					
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity 1	14. Unit Wt./Vol.	I. Misc. Comments 47.46 tons			
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	2 30 DT							
b. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments				
c. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments				
d. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments				
J. Additional Descriptions for Materials Listed Above Additional Description:		K. Disposal Location						
		Cell		Level				
		Grid						
15. Special Handling Instructions and Additional Information								
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019							
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name Brian Kelly	Signature "On behalf of" Brian Kelly			Month 08	Day 12	Year 21		
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed Name Brian Kelly	Signature Brian Kelly			Month 08	Day 12	Year 21		
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed Name	Signature			Month	Day	Year		
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest								
Printed Name Linda Johnson	Signature Linda Johnson			Month 08	Day 12	Year 21		
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY			Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY					



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310636
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	130860 lb*
In	08/12/2021 08:54:11	LThoreson	Tare	52560 lb*	
Out	08/12/2021 09:39:09	LThoreson	Net	78300 lb	
		* Manual Weight	Tons	39.15	

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	39.15	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	39.15	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	39.15	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	39.15	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Berry (et)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID# <i>0052</i>	Manifest Doc No. <i>0052</i>	2. Page 1 of 1		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number <i>WMNA</i>	B. State Generator's ID <i>10674748</i>		
4. Generator's Phone <i>734-740-9019</i>		State Generator's ID				
5. Transporter 1 Company Name <i>B & B</i>		6. US EPA ID Number US EPA ID Number <i>9063370017</i>		C. State Transporter's ID State Transporter ID <i>9063370017</i>		
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number <i>906-883-3504</i>		E. State Transporter's ID State Transporter ID <i>906-883-3504</i>		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number <i>906-883-3504</i>		G. State Facility ID State Facility ID <i>906-883-3504</i>		
11. Description of Waste Materials		12. Containers No. Type <i>1 DT</i>	13. Total Quantity <i>1</i>	14. Unit Wt./Vol. <i>32 Y</i>	I. Misc. Comments <i>39.15 tons</i>	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No. Type <i></i>	Total Qty <i></i>	Wt / Vol <i></i>	Comments <i></i>		
b. Waste Name WM Profile #	No. Type <i></i>	Total Qty <i></i>	Wt / Vol <i></i>	Comments <i></i>		
c. Waste Name WM Profile #	No. Type <i></i>	Total Qty <i></i>	Wt / Vol <i></i>	Comments <i></i>		
d. Waste Name WM Profile #	No. Type <i></i>	Total Qty <i></i>	Wt / Vol <i></i>	Comments <i></i>		
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month <i>08</i>	Day <i>12</i>	Year <i>21</i>
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Terry Nordstrom</i>		Signature <i>Terry Nordstrom</i>		Month <i>08</i>	Day <i>12</i>	Year <i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Hansen Operation Specialist</i>		Signature <i>Jeanne Thompson</i>		Month <i>08</i>	Day <i>12</i>	Year <i>21</i>
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310637
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier SUPERIORSANDGRAVEL Superior Sand & G
Vehicle# 19 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	133500 lb*
In	Scale	LThoreson	Tare	53360 lb*	
Out	Scale	LThoreson	Net	80140 lb	
* Manual Weight Tons 40.07					
Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY					

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	40.07	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	40.07	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	40.07	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	40.07	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *M. Relet*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator's ID 0053	Manifest Doc No. 0053	2. Page 1 of 1	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674749	
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name <i>Superior Sand</i>	6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	D. Transporter's Phone 906 482 3130	
7. Transporter 2 Company Name Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	F. Transporter's Phone Transporter 2 Phone	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3504	
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI	12. Containers No. Type 1 DT	13. Total Quantity 1 324	14. Unit Wt./Vol. 40.07 tons	I. Misc. Comments
b. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location			
	Cell		Level	
	Grid			
15. Special Handling Instructions and Additional Information				
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>			Month Day Year 08 12 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Michael Tchida</i>	Signature <i>Michael Tchida</i>			Month Day Year 08 12 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name				
Printed Name <i>Linda Thoreson</i>	Signature <i>Linda Thoreson</i>			Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed Name <i>Linda Thoreson</i>				
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY	Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY	Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310639
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	75840 lb*
In	08/12/2021 09:03:23	Scale	LThoreson	Tare	33460 lb*
Out	08/12/2021 09:58:35	Scale	LThoreson	Net	42380 lb
Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY					
* Manual Weight					
				Tons	21.19

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	21.19	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	21.19	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	21.19	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	21.19	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature Shane Lett



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. <i>0054</i>	2. Page 1 of <i>Page</i>		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674750	
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>		
5. Transporter 1 Company Name B&B		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter's ID</i>		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906-337-0017		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter's ID</i>		
				F. Transporter's Phone 906-883-3504		
11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No. 1 <i>No.</i>	Type DT <i>Type</i>	1 <i>Total Qty.</i>	24 Y <i>Wt./Vol.</i>	21.19 tons <i>Comments</i>	
b. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>	No. <i>No.</i>	Type <i>Type</i>	Total Qty. <i>Total Qty.</i>	Wt./Vol. <i>Wt./Vol.</i>	Comments <i>Comments</i>	
c. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>	No. <i>No.</i>	Type <i>Type</i>	Total Qty. <i>Total Qty.</i>	Wt./Vol. <i>Wt./Vol.</i>	Comments <i>Comments</i>	
d. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>	No. <i>No.</i>	Type <i>Type</i>	Total Qty. <i>Total Qty.</i>	Wt./Vol. <i>Wt./Vol.</i>	Comments <i>Comments</i>	
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE:						
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 12	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Shane Karrio</i>		Signature <i>Shane Karrio</i>		Month 09	Day 12	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal						
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Thoreson Specialist</i>		Signature <i>Linda Thoreson</i>		Month 08	Day 12	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310648
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

	Carrier	BBCONTRACTING B&B CONTRACTING				
	Vehicle#	700				
	Container	Volume				
	Driver					
	Check#					
	Billing#	0000487				
	Grid					
In 08/12/2021 11:10:18	Time	Scale	Operator	Inbound	Gross	113380 lb*
Out 08/12/2021 11:31:04		Scale	LThoreson	Tare	51140 lb*	
			LThoreson	Net	62240 lb	
			* Manual Weight	Tons	31.12	

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	31.12	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	31.12	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	31.12	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	31.12	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator's ID <i>0055</i>	Manifest Doc No. <i>0055</i>	2. Page 1 of <i>1</i> Page	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number <i>WMNA</i>	B. State Generator's ID <i>10674751</i>	
4. Generator's Phone <i>734-740-9019</i>		C. State Transporter's ID <i>State Transporter ID</i>	D. Transporter's Phone <i>9063370017</i>	
5. Transporter 1 Company Name <i>B&B</i>	6. US EPA ID Number <i>US EPA ID Number</i>	E. State Transporter's ID <i>State Transporter ID</i>	F. Transporter's Phone <i>Transporter 1 Phone</i>	
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>	8. US EPA ID Number <i>US EPA ID Number</i>	G. State Facility ID <i>State Facility ID</i>	H. State Facility Phone <i>906-883-3504</i>	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number <i>US EPA ID Number</i>	I. Misc. Comments <i>31.12 tons</i>		
11. Description of Waste Materials	12. Containers No. Type <i>1 DT</i>	13. Total Quantity <i>1</i>	14. Unit Wt./Vol. <i>32Y</i>	I. Misc. Comments
a. PCB, lead arsenic impacted soil WM Profile # 128779MI				
b. Waste Name WM Profile #	No. Type <i>1 DT</i>	Total Qty <i>1</i>	Wt./Vol <i>32Y</i>	Comments
c. Waste Name WM Profile #	No. Type <i>1 DT</i>	Total Qty <i>1</i>	Wt./Vol <i>32Y</i>	Comments
d. Waste Name WM Profile #	No. Type <i>1 DT</i>	Total Qty <i>1</i>	Wt./Vol <i>32Y</i>	Comments
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location			
	Cell		Level	
Grid				
15. Special Handling Instructions and Additional Information				
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>			Month <i>08</i> Day <i>12</i> Year <i>21</i>
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Kurt Abramson</i>	Signature <i>Kurt Abramson</i>			Month <i>8</i> Day <i>12</i> Year <i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature			Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>	Signature <i>Linda Thoreson</i>			Month <i>8</i> Day <i>12</i> Year <i>21</i>
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Blue- GENERATOR #2 COPY				
Yellow- GENERATOR #1 COPY				
Pink- FACILITY USE ONLY				
Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310649

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale
In 08/12/2021 11:29:19 Scale
Out 08/12/2021 12:02:48 Scale
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Operator LThoreson
Inbound
Gross 156800 lb*
Tare 64420 lb*
Net 92380 lb
Tons 46.19
* Manual Weight

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	46.19	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	46.19	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	46.19	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	46.19	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Heg (At)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator ID <i>0056</i>	Manifest Doc No. <i>0056</i>	2. Page 1 of 1
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674752
4. Generator's Phone 734-740-9019		B. State Generator's ID State Generator's ID		
5. Transporter 1 Company Name B&B		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 306-337-0017	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	
			F. Transporter's Phone Transporter 2 Phone	
			G. State Facility ID State Facility ID	
			H. State Facility Phone 906-883-3564	
11. Description of Waste Materials			12. Containers	I. Misc. Comments
G E N E R A T O R	a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No. 2 <i>45</i> <i>37</i>	Type DT	14. Unit Wt./Vol. 45 <i>324</i>
	b. Waste Name WM Profile #	No.	Type	Total Qty
	c. Waste Name WM Profile #	No.	Type	Total Qty
	d. Waste Name WM Profile #	No.	Type	Total Qty
		No.	Type	Total Qty
J. Additional Descriptions for Materials Listed Above Additional Description			K. Disposal Location	
			Cell	Level
			Grid	
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name Brian Kelly		Signature "On behalf of" <i>Brian Kelly</i>		Month 08 Day 12 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name Ray Takida		Signature <i>Ray Takida</i>		Month 8 Day 12 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name Linda Thorsen Specialist		Signature <i>Linda Thorsen</i>		Month 8 Day 12 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Bee- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310652
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid
* Manual Weight

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	34.43	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	34.43	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	34.43	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	34.43	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

(Berry (st))



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0057	Manifest Doc No. 0057	2. Page 1 of 1 page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator's ID
5. Transporter 1 Company Name Company Name B&B		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 9063370017
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID
11. Description of Waste Materials		12. Containers No. Type		F. Transporter's Phone Transporter 2 Phone
G E N E R A T O R	a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1	DT	1 32 Y 34.43 tons
	b. Waste Name WM Profile #	No.	Type	Total Qty
	c. Waste Name WM Profile #	No.	Type	Total Qty
	d. Waste Name WM Profile #	No.	Type	Total Qty
		No.	Type	Total Qty
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location Cell Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name Brian Kelly		Signature "On behalf of" Brian Kelly		Month 08 Day 12 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name Terry Nordstrom		Signature Terry Nordstrom		Month 08 Day 12 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name Linda Thoreson Operations Specialist		Signature Linda Thoreson		Month 08 Day 12 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Pink- FACILITY USE ONLY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY
Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310653
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier SUPERIORSANDGRAVEL Superior Sand & G
Vehicle# 19 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale Operator Inbound Gross 131500 lb*
In 08/12/2021 11:52:08 Scale LThoreson Tare 53200 lb*
Out 08/12/2021 12:26:09 Scale LThoreson Net 78300 lb
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY
* Manual Weight Tons 39.15

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	39.15	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	39.15	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	39.15	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	39.15	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0058	Manifest Doc No. 0058	2. Page 1 of Page		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID 10674754		
4. Generator's Phone 734-740-9019						
5. Transporter 1 Company Name <i>Superior Sand</i>		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID			
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906 482 3130			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID			
			F. Transporter's Phone			
			G. State Facility ID State Facility ID			
			H. State Facility Phone 906-883-3504			
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI		1 DT	1	32 Y	<i>39.15 tons</i>	
b. Waste Name WM Profile #		No. Type	Total Qty.	Wt./Vol.	Comments	
c. Waste Name WM Profile #		No. Type	Total Qty.	Wt./Vol.	Comments	
d. Waste Name WM Profile #		No. Type	Total Qty.	Wt./Vol.	Comments	
j. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month	Day	Year
				08	12	21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>michael Tchida</i>		Signature <i>michael Tchida</i>		Month	Day	Year
				08	12	21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Thoresen Specialist Operations</i>		Signature <i>Linda Thoresen</i>		Month	Day	Year
				08	12	21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY						
Blue- GENERATOR #2 COPY						
Yellow- GENERATOR #1 COPY						
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310654
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	72120 lb*
In	Scale	LThoreson	Tare	33400 lb*	
Out	Scale	LThoreson	Net	38720 lb	
Comments USEPA JULIO SALVAGE SITE		* Manual Weight	Tons	19.36	
08/12/2021 12:01:18	Scale	LThoreson			
08/12/2021 12:35:28	Scale	LThoreson			

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	19.36	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	19.36	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	19.36	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	19.36	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Shane (gt)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID <i>0059</i>	Manifest Doc No. <i>0059</i>	2. Page 1 of <i>1</i>				
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674755			
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>				
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>				
7. Transporter 2 Company Name <i>Transporter 2 company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906-482-3130	E. State Transporter's ID <i>State Transporter ID</i>			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		F. Transporter's Phone 906-883-3504	G. State Facility ID <i>State Facility ID</i>			
11. Description of Waste Materials		12. Containers		13. Total Quantity	14. Unit Wt./Vol.			
a. PCB, lead arsenic impacted soil WM Profile # 128779MI		No.	Type	1	<i>24 Y</i>			
b. Waste Name WM Profile #		No.	Type	Total Qty.	Wt./Vol.			
c. Waste Name WM Profile #		No.	Type	Total Qty.	Wt./Vol.			
d. Waste Name WM Profile #		No.	Type	Total Qty.	Wt./Vol.			
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location						
		Cell		Level				
		Grid						
15. Special Handling Instructions and Additional Information								
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019						
16. GENERATOR'S CERTIFICATE:								
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month	Day	Year		
				08	12	21		
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed Name <i>Shane Karr</i>		Signature <i>Shane Karr</i>		Month	Day	Year		
				08	12	21		
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed Name		Signature		Month	Day	Year		
19. Certificate of Final Treatment/Disposal								
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
Printed Name <i>Linda Ahrenson Operations Specialist</i>		Signature <i>Linda Ahrenson</i>		Month	Day	Year		
				08	12	21		
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY			Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY					



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310663
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Time Scale Operator Inbound Gross 118680 lb*
In 08/12/2021 13:54:39 Scale LThoreson Tare 51200 lb*
Out 08/12/2021 14:14:37 Scale LThoreson Net 67480 lb
Comments USEPA JULIO SALVAGE SITE Tons 33.74
20675 ROYCE RD RIPLEY

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid
* Manual Weight

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	33.74	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	33.74	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	33.74	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	33.74	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator ID 0060	Manifest Doc No. 0060	2. Page 1 of Page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID 10674756
4. Generator's Phone 734-740-9019		C. State Transporter's ID State Transporter ID D. Transporter's Phone 906337 0017	
5. Transporter 1 Company Name <i>B&B</i> Transporter 1 Company Name	6. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID F. Transporter's Phone Transporter 1 Phone	
7. Transporter 2 Company Name Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID H. State Facility Phone 906-883-3504	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	I. Misc. Comments <i>33.74 tons</i>	
11. Description of Waste Materials	12. Containers No. Type 1 DT	13. Total Quantity 1 324	14. Unit Wt./Vol. Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI			
b. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.
c. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.
d. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location Cell Grid		
15. Special Handling Instructions and Additional Information			
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.			
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>		Month Day Year 08 12 21
17. Transporter 1 Acknowledgement of Receipt of Materials Printed Name <i>Kurt Abramson</i>	Signature <i>Kurt Abramson</i>		Month Day Year 8 12 21
18. Transporter 2 Acknowledgement of Receipt of Materials Printed Name	Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.			
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest. Printed Name <i>Linda Thoreson Operations Specialist</i>	Signature <i>Linda Thoreson</i>		Month Day Year 8 12 04
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY	Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY	Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310665
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	154160 lb*
In	Scale	LThoreson	Tare	64320 lb*	
Out	Scale	LThoreson	Net	89840 lb	
Comments USEPA JULIO SALVAGE SITE					
20675 ROYCE RD RIPLEY					
		* Manual Weight	Tons		44.92

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	44.92	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	44.92	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	44.92	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	44.92	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Bug (st)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator ID 0061	Manifest Doc No. 0061	2. Page 1 of 1	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID 10674757	
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name B&B	6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter's ID	D. Transporter's Phone 906 337 0017	
7. Transporter 2 Company Name Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter's ID	F. Transporter's Phone Transporter 2 Phone	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3564	
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	2 DT	1	45 Y	44.92 tons
b. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments
c. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments
d. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell		Level
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name Brian Kelly	Signature "On behalf of" Brian Kelly			Month Day Year 08 12 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name Linda Thoreson	Signature Linda Thoreson			Month Day Year 08 12 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature			Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name Linda Thoreson Operations Specialist	Signature Linda Thoreson			Month Day Year 08 12 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Pink- FACILITY USE ONLY		Bible- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY
		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310667
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Time Scale Operator Inbound Gross 130360 lb*
In 08/12/2021 14:33:37 Scale LThoreson Tare 52260 lb*
Out 08/12/2021 15:21:18 Scale LThoreson Net 78100 lb
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid
* Manual Weight

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	39.05	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	39.05	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	39.05	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	39.05	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Donny (st)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator ID 0062	Manifest Doc No. 0062	2. Page 1 of 1 Page			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674758			
4. Generator's Phone 734-740-9019		State Generator's ID 10674758				
5. Transporter 1 Company Name <i>B&B</i>	6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID				
7. Transporter 2 Company Name Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906-337-0017				
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID				
		F. Transporter's Phone Transporter 2 Phone				
		G. State Facility ID State Facility ID				
		H. State Facility Phone 906-883-3504				
11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No. Type 1 DT	1	32 Y	<i>39.05 tons</i>		
b. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments		
c. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments		
d. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments		
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location					
	Cell		Level			
Grid						
15. Special Handling Instructions and Additional Information						
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE:						
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>			Month 08	Day 12	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Terry Nordstrom</i>	Signature <i>Terry Nordstrom</i>			Month 08	Day 12	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name	Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal						
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Thoresen Operations Specialist</i>	Signature <i>Linda Thoresen</i>			Month 08	Day 12	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY						
Blue- GENERATOR #2 COPY						
Yellow- GENERATOR #1 COPY						
Pink- FACILITY USE ONLY						
Gold- TRANSPORTER #1 COPY						



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310670
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier SUPERIORSANDGRAVEL Superior Sand & G
Vehicle# 19 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	131180 lb*
In	Scale	LThoreson	Tare	53040 lb*	
Out	Scale	LThoreson	Net	78140 lb	
Comments USEPA JULIO SALVAGE SITE					
20675 ROYCE RD RIPLEY					
		* Manual Weight	Tons		39.07

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	39.07	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	39.07	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	39.07	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	39.07	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator #10	Manifest Doc No. 0063	2. Page 1 of 1 Page			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA			
4. Generator's Phone 734-740-9019			B. State Generator's ID State Generator's ID			
5. Transporter 1 Company Name <i>B&B Superior Sand</i>		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter's ID			
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906-482-3130			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter's ID			
			F. Transporter's Phone Transporter 2 Phone			
			G. State Facility ID State Facility ID			
			H. State Facility Phone 906-883-3504			
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI		1 DT	1	32 Y	<i>39.07 tons</i>	
b. Waste Name WM Profile #		No. Type	Total Qty	Wt./Vol.	Comments	
c. Waste Name WM Profile #		No. Type	Total Qty	Wt./Vol.	Comments	
d. Waste Name WM Profile #		No. Type	Total Qty	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month	Day	Year
				08	12	21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Michael Tchida</i>		Signature <i>Michael Tchida</i>		Month	Day	Year
				08	12	21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Thorenson Operations Specialist</i>		Signature <i>Linda Thorenson</i>		Month	Day	Year
				08	12	21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310671
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/12/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	68820 lb*
In	Scale	LThoreson	Tare	33280 lb*	
Out	Scale	LThoreson	Net	35540 lb	
* Manual Weight Tons 17.77					
Comments USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY					

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	17.77	Tons				HOU GMI
2 ENVT-ENVIRONMENTAL FEE T	100	17.77	Tons				HOU GMI
3 FUEL-T-FUEL SURCHARGE TON	100	17.77	Tons				HOU GMI
4 WWMT-WASTE WATER MANAGEM	100	17.77	Tons				HOU GMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOU GMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator ID	Manifest Doc No. 0064	2. Page 1 of 1 of 1
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674760
4. Generator's Phone 734-740-9019		B. State Generator's ID Store Generator's ID	
5. Transporter 1 Company Name <i>B&B</i>	6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	
7. Transporter 2 Company Name Transporter 3 Company Name	8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906-337-0017	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	
		F. Transporter's Phone Transporter 2 Phone	
11. Description of Waste Materials	12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 ST	1	24Y <i>12774m</i>
b. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol. Comments
c. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol. Comments
d. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol. Comments
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location		
	Cell		Level
Grid			
15. Special Handling Instructions and Additional Information			
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.			
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>		Month Day Year 08 12 21
17. Transporter 1 Acknowledgement of Receipt of Materials			
Printed Name <i>Shane Karno</i>	Signature <i>Shane Karno</i>		Month Day Year 09 12 21
18. Transporter 2 Acknowledgement of Receipt of Materials			
Printed Name	Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.			
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.			
Printed Name <i>Linda Hogenboom Operations Specialist</i>	Signature <i>Linda Hogenboom</i>		Month Day Year 08 12 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			
Blue- GENERATOR #2 COPY			
Gold- TRANSPORTER #1 COPY			
Yellow- GENERATOR #1 COPY			
Pink- FACILITY USE ONLY			



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310676
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Time	Scale	Operator	Inbound	Gross	121180 lb*
In 08/13/2021 08:30:38	Scale	LThoreson	Tare	51220 lb*	
Out 08/13/2021 08:50:59	Scale	LThoreson	Net	69960 lb	
* Manual Weight Tons 34.98					

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	34.98	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	34.98	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	34.98	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	34.98	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Kurt (st)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator ID USEPA Julio Salvage Site	Manifest Doc No. 0065	2. Page 1 of 1/300			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA			
4. Generator's Phone 734-740-9019			B. State Generator's ID State Generator's ID			
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906 337 0017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter's ID			
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity 1	14. Unit Wt./Vol. 32 Y	I. Misc. Comments <i>34.98 tons</i>	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI		1	DT			
b. Waste Name WM Profile #		No.	Type	Total Qty.	Comments	
c. Waste Name WM Profile #		No.	Type	Total Qty.	Comments	
d. Waste Name WM Profile #		No.	Type	Total Qty.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell		Level		
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 13	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Kurt Abramson</i>		Signature <i>Kurt Abramson</i>		Month 08	Day 13	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Judith Aberson Operations Specialist</i>		Signature <i>Judith Aberson</i>		Month 08	Day 13	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY						
Pink- FACILITY USE ONLY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY		
		Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310678
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Time Scale Operator Inbound Gross
In 08/13/2021 08:33:05 Scale LThoreson Tare 129340 lb*
Out 08/13/2021 08:56:07 Scale LThoreson Net 52580 lb*
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid
* Manual Weight

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	38.38	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	38.38	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	38.38	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	38.38	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature 



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. 0066	2. Page 1 of Page				
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674762			
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>				
5. Transporter 1 Company Name <i>Transporter 1 Company Name</i> B&B		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 9063370017				
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>				
				F. Transporter's Phone <i>Transporter 2 Phone</i>				
				G. State Facility ID <i>State Facility ID</i>				
				H. State Facility Phone 906-883-3504				
11. Description of Waste Materials			12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments		
a. PCB, lead arsenic impacted soil <i>WM Profile # 128779MI</i>			No. 1	Type DT	1 <i>32 yd³</i>	38.38 tons		
b. Waste Name <i>WM Profile # WIV Profile Number</i>			No.	Type	Total Qty	Wt./Vol.	Comments	
c. Waste Name <i>WM Profile # WIV Profile Number</i>			No.	Type	Total Qty	Wt./Vol.	Comments	
d. Waste Name <i>WM Profile # WIV Profile Number</i>			No.	Type	Total Qty	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>			K. Disposal Location					
			Cell		Level			
			Grid					
15. Special Handling Instructions and Additional Information								
Purchase Order #			EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>				Month 08	Day 13	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed Name <i>Terry Nordstrom</i>		Signature <i>Terry Nordstrom</i>				Month 08	Day 13	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed Name		Signature				Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
Printed Name <i>Linda Horeson Operations Specialist</i>		Signature <i>Linda Horeson</i>				Month 08	Day 13	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY			Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY					



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310679
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid
Time Scale Operator Inbound Gross 77760 lb*
In 08/13/2021 08:46:30 Scale LThoreson Tare 33500 lb*
Out 08/13/2021 09:24:43 Scale LThoreson Net 44260 lb
* Manual Weight Tons 22.13

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	22.13	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	22.13	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	22.13	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	22.13	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature *Dominic (St)*



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID	Manifest Doc No. 6067	2. Page 1 of 1 Page		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID		
4. Generator's Phone 734-740-9019						
5. Transporter 1 Company Name <i>B&B</i> Transporter 1 Company Name		6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	D. Transporter's Phone 9063370017		
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	F. Transporter's Phone Transporter 2 Phone		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3504		
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity 1	14. Unit Wt./Vol. 247 22.13 tons		
a. PCB, lead arsenic impacted soil WM Profile # 128779MI		No. Type	Total Qty.	Comments		
b. Waste Name WM Profile # WM Profile Number		No. Type	Total Qty.	Comments		
c. Waste Name WM Profile # WM Profile Number		No. Type	Total Qty.	Comments		
d. Waste Name WM Profile # WM Profile Number		No. Type	Total Qty.	Comments		
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location				
		Cell	Level			
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 13	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Dennis Polzien</i>		Signature <i>Dennis Polzien</i>		Month 08	Day 13	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Hansen Operations Specialist</i>		Signature <i>Jane Hansen</i>		Month 08	Day 13	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY						
Pink- FACILITY USE ONLY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY		
		Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310686
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid
* Manual Weight

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	47.05	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	47.05	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	47.05	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	47.05	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Meg Lad.



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator ID No. <i>0068</i>	Manifest Doc No. <i>0068</i>	2. Page 1 of Page <i>1</i>	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number <i>WMNA</i>	B. State Generator's ID <i>10674764</i>	
4. Generator's Phone <i>734-740-9019</i>		State Generator's ID		
5. Transporter 1 Company Name <i>B&B</i>	6. US EPA ID Number US EPA ID Number	C. State Transporter's ID State Transporter ID	D. Transporter's Phone <i>906 337 0017</i>	
7. Transporter 2 Company Name Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	F. Transporter's Phone Transporter 2 Phone	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID	H. State Facility Phone <i>906-883-3504</i>	
11. Description of Waste Materials	12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. PCB, lead arsenic impacted soil WM Profile # <i>128779MI</i>	<i>2</i> <i>PP</i> DT	1	<i>45 Y</i> <i>47.05 tons</i>	
b. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name WM Profile #	No. Type	Total Qty.	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location			
	Cell		Level	
Grid				
15. Special Handling Instructions and Additional Information				
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: <i>Brian Kelly 734-740-9019</i>			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>			Month <i>08</i> Day <i>13</i> Year <i>21</i>
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Greg Tchida</i>	Signature <i>Greg Tchida</i>			Month <i>08</i> Day <i>13</i> Year <i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature			Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Operations Specialist Linda Thompson</i>	Signature <i>Linda Thompson</i>			Month <i>08</i> Day <i>13</i> Year <i>21</i>
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Blue- GENERATOR #2 COPY				
Yellow- GENERATOR #1 COPY				
Pink- FACILITY USE ONLY				
Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310691
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Time	Scale	Operator	Inbound	Gross	107220 lb*
In 08/13/2021 10:52:33	Scale	LThoreson	Tare	51000	lb
Out 08/13/2021 11:11:47	Scale	LThoreson	Net	56220	lb
* Manual Weight Tons 28.11					

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	28.11	Tons				HOU GMI
2 ENVT-ENVIRONMENTAL FEE T	100	28.11	Tons				HOU GMI
3 FUEL-T-FUEL SURCHARGE TON	100	28.11	Tons				HOU GMI
4 WWMT-WASTE WATER MANAGEM	100	28.11	Tons				HOU GMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOU GMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0069	Manifest Doc No. 0069	2. Page 1 of 1				
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674765			
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator's ID				
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID				
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 9063370017				
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID				
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI		12. Containers No. Type 1 DT		13. Total Quantity 1	14. Unit Wt./Vol. 32Y			
b. Waste Name WM Profile #				Total Qty.	Wt./Vol.			
c. Waste Name WM Profile #				Total Qty.	Wt./Vol.			
d. Waste Name WM Profile #				Total Qty.	Wt./Vol.			
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location						
		Cell		Level				
		Grid						
15. Special Handling Instructions and Additional Information								
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08	Day 13	Year 21		
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed Name <i>Kurt Abemson</i>		Signature <i>Kurt Abemson</i>		Month 08	Day 13	Year 21		
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed Name		Signature		Month	Day	Year		
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month 08	Day 13	Year 21		
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY			Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY					



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310692
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Time Scale
In 08/13/2021 11:17:18 Scale
Out 08/13/2021 11:43:14 Scale
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid
* Manual Weight

116260 lb*
52360 lb
63900 lb
31.95

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	31.95	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	31.95	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	31.95	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	31.95	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Ronny (JL)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0070	Manifest Doc No. 0070	2. Page 1 of Page				
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA	B. State Generator's ID 10674766			
4. Generator's Phone 734-740-9019				B. State Generator's ID State Generator's ID				
5. Transporter 1 Company Name <i>B&B</i> Transporter 1 Company Name		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID State Transporter ID				
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone 9063370017 E. State Transporter's ID State Transporter ID				
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		F. Transporter's Phone Transporter 2 Phone G. State Facility ID State Facility ID				
11. Description of Waste Materials		12. Containers No. Type		13. Total Quantity	14. Unit Wt./Vol.			
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	32 Y	31.95 tons				
b. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol.	Comments				
c. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol.	Comments				
d. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol.	Comments				
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location						
		Cell		Level				
Grid								
15. Special Handling Instructions and Additional Information								
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month	Day	Year		
				08	13	21		
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed Name <i>Terry Nordstrom</i>		Signature <i>Terry Nordstrom</i>		Month	Day	Year		
				08	13	21		
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed Name		Signature		Month	Day	Year		
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month	Day	Year		
				08	13	21		
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY			Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY					



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310694
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale Operator Inbound Gross 70520 lb*
In 08/13/2021 11:34:05 Scale LThoreson Tare 33460 lb
Out 08/13/2021 11:53:47 Scale LThoreson Net 37060 lb
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

* Manual Weight Tons 18.53

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	18.53	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	18.53	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	18.53	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	18.53	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature Dennis (st)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID <i>0071</i>	Manifest Doc No. <i>0071</i>	2. Page 1 of 1 Page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674767
4. Generator's Phone 734-740-9019			C. State Transporter's ID State Transporter ID	D. Transporter's Phone 906-337-0017
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	F. Transporter's Phone Transporter 2 Phone
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number	G. State Facility ID State Facility ID	H. State Facility Phone 906-883-3504
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number	I. Misc. Comments	
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
E N E R A T O R	a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	<i>24 Y 18.53 tons</i>
	b. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol. Comments
	c. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol. Comments
	d. Waste Name WM Profile # WM Profile Number	No. Type	Total Qty.	Wt./Vol. Comments
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell		Level
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month <i>08</i> Day <i>13</i> Year <i>21</i>
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Dennis Polzien</i>		Signature <i>Dennis Polzien</i>		Month <i>08</i> Day <i>13</i> Year <i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Horsen Operations Specialist</i>		Signature <i>Linda Horsen</i>		Month <i>08</i> Day <i>13</i> Year <i>21</i>
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Blue- GENERATOR #2 COPY				
Yellow- GENERATOR #1 COPY				
Pink- FACILITY USE ONLY				
Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310703
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier	BBCONTRACTING B&B CONTRACTING
Vehicle#	2020
Container	Volume
Driver	
Check#	
Billing#	0000487
Grid	

In 08/13/2021 12:34:23 Scale Operator Inbound Gross 142200 lb
Out 08/13/2021 13:06:11 Scale LThoreson Tare 64560 lb
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY Net 77640 lb
Tons 38.82

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	38.82	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	38.82	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	38.82	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	38.82	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Feng (st)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator's ID 0072	Manifest Doc No. 0072	2. Page 1 of 1 Page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID 10674768
4. Generator's Phone 734-740-9019		C. State Transporter's ID State Transporter ID	
5. Transporter 1 Company Name B&B	6. US EPA ID Number US EPA ID Number	D. Transporter's Phone 906-337-0017	
7. Transporter 2 Company Name Transporter 2 Company Name	8. US EPA ID Number US EPA ID Number	E. State Transporter's ID State Transporter ID	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number	F. Transporter's Phone Transporter 2 Phone	
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI	12. Containers No. Type 2 1 DT 35	13. Total Quantity 1	14. Unit Wt./Vol. 45Y
b. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.
c. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.
d. Waste Name WM Profile #	No. Type	Total Qty	Wt./Vol.
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location Cell Grid	Comments	
15. Special Handling Instructions and Additional Information			
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.			
Printed Name Brian Kelly	Signature "On behalf of" Brian Kelly	Month 08	Day 13
17. Transporter 1 Acknowledgement of Receipt of Materials	Year 21		
Printed Name Greg Ychida	Signature Greg Ychida	Month 08	Day 13
18. Transporter 2 Acknowledgement of Receipt of Materials	Year 21		
Printed Name	Signature	Month	Day
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.	Year		
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.			
Printed Name Linda Thompson	Signature Linda Thompson	Month 08	Day 13
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY	Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY	Gold- TRANSPORTER #1 COPY	8 13 21	



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310708
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale Operator Inbound Gross 113980 lb
In 08/13/2021 13:34:35 Scale LThoreson Tare 51080 lb
Out 08/13/2021 13:59:22 Scale LThoreson Net 62900 lb
Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY
Tons 31.45

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	31.45	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	31.45	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	31.45	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	31.45	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID <i>0073</i>	Manifest Doc No. <i>0073</i>	2. Page 1 of 1 Page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674769
4. Generator's Phone 734-740-9019			B. State Generator's ID <i>State Generator's ID</i>	
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number US EPA ID Number <i>US EPA ID Number</i>	C. State Transporter's ID State Transporter ID <i>State Transporter ID</i>	D. Transporter's Phone 9063370017
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number US EPA ID Number <i>US EPA ID Number</i>	E. State Transporter's ID State Transporter ID <i>State Transporter ID</i>	F. Transporter's Phone <i>Transporter 2 Phone</i>
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number <i>US EPA ID Number</i>	G. State Facility ID State Facility ID <i>State Facility ID</i>	H. State Facility Phone 906-883-3504
11. Description of Waste Materials		12. Containers No. Type <i>No. Type</i>	13. Total Quantity Total Qty <i>Total Qty</i>	14. Unit Wt./Vol. Wt./Vol. <i>Wt./Vol.</i>
G E N E R A T O R T O R	a. PCB, lead arsenic impacted soil WM Profile # 128779MI	1 DT	1	<i>32Y</i>
	b. Waste Name WM Profile #			<i>31.45 tons</i>
	c. Waste Name WM Profile #			
	d. Waste Name WM Profile #			
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location		
		Cell		Level
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month <i>08</i> Day <i>13</i> Year <i>21</i>
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Kurt Abramson</i>		Signature <i>Kurt Abramson</i>		Month <i>8</i> Day <i>13</i> Year <i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson</i>		Signature <i>Linda Thoreson</i>		Month <i>8</i> Day <i>13</i> Year <i>21</i>
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Pink- FACILITY USE ONLY				
Blue- GENERATOR #2 COPY				
Gold- TRANSPORTER #1 COPY				
Yellow- GENERATOR #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310710

Ph: 906-883-3504

Customer Name	EQM EQM	Carrier	BBCONTRACTING	B&B CONTRACTING		
Ticket Date	08/13/2021	Vehicle#	2016	Volume		
Payment Type	Credit Account	Container				
Manual Ticket#		Driver				
Route		Check#				
Hauling Ticket#		Billing#	0000487			
Destination		Grid				
PO#	023944					
Time						
In	08/13/2021 13:50:08	Scale	Operator	Inbound	Gross	126320 lb
Out	08/13/2021 14:24:31	Scale	LThoreson		Tare	52220 lb
					Net	74100 lb
Comments	USEPA JULIO SALVAGE SITE 20675 ROYCE RD RIPLEY				Tons	37.05

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	37.05	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	37.05	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	37.05	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	37.05	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Derry (sl)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. <i>0074</i>	2. Page 1 of <i>Page</i>			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA			
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator's ID</i>			
5. Transporter 1 Company Name B&B		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>			
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>9063370017</i>			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>			
				F. Transporter's Phone <i>Transporter 2 Phone</i>			
				G. State Facility ID <i>State Facility ID</i>			
				H. State Facility Phone <i>906-883-3504</i>			
11. Description of Waste Materials			12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil <i>WM Profile # 128779MI</i>			No. 1 Type BT	1	32 Y	<i>32 Y</i>	
b. Waste Name <i>WM Profile #</i>			No. Type 	Total Qty. 	Wt./Vol. 	<i>37.05 tons</i>	
c. Waste Name <i>WM Profile #</i>			No. Type 	Total Qty. 	Wt./Vol. 	Comments	
d. Waste Name <i>WM Profile #</i>			No. Type 	Total Qty. 	Wt./Vol. 	Comments	
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>			K. Disposal Location				
			Cell			Level	
			Grid				
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>			Month 08	Day 13	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>Terry Nirdstrom</i>		Signature <i>Terry Nirdstrom</i>			Month 08	Day 13	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>Linda Thoreson Specialist Operations</i>		Signature <i>Linda Thoreson</i>			Month 08	Day 13	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY							
Blue- GENERATOR #2 COPY							
Gold- TRANSPORTER #1 COPY							
Pink- FACILITY USE ONLY							
Yellow- GENERATOR #1 COPY							



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310716
Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/13/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	71300 lb
In	08/13/2021 14:23:06	Scale	LThoreson	Tare	33300 lb
Out	08/13/2021 14:42:25	Scale	LThoreson	Net	38000 lb
				Tons	19.00

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	19.00	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	19.00	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	19.00	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	19.00	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Dennis (A)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID 0075	Manifest Doc No.	2. Page 1 of 1 page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID State Generator's ID 10674771
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number US EPA ID Number		
7. Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number US EPA ID Number		
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779MI		1 PT	1	244 19.00 tons
b. Waste Name WM Profile #		No. Type	Total Qty	Wt./Vol.
c. Waste Name WM Profile #		No. Type	Total Qty	Wt./Vol.
d. Waste Name WM Profile #		No. Type	Total Qty	Wt./Vol.
J. Additional Descriptions for Materials Listed Above Additional Description:		K. Disposal Location		
		Cell	Level	
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month Day Year 08 13 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Dennis Polzien</i>		Signature <i>Dennis Polzien</i>		Month Day Year 08 13 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month Day Year 08 13 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Pink- FACILITY USE ONLY				
Blue- GENERATOR #2 COPY				
Gold- TRANSPORTER #1 COPY				
Yellow- GENERATOR #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310725

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/16/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	121020	lb
In 08/16/2021 08:22:10	Scale	LThoreson		Tare	50920	lb
Out 08/16/2021 08:44:27	Scale	LThoreson		Net	70100	lb
				Tons	35.05	

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	35.05	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	35.05	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	35.05	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	35.05	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Kurt (at)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator #10</i>	Manifest Doc No. 0076	2. Page 1 of 1 Page
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA
4. Generator's Phone 734-740-9019				B. State Generator's ID <i>State Generator #10</i>
5. Transporter 1 Company Name <i>3 & B Company Name</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone 906-337-0017
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>
				F. Transporter's Phone <i>Transporter 2 Phone</i>
				G. State Facility ID <i>State Facility ID</i>
				H. State Facility Phone 906-883-3504
11. Description of Waste Materials			12. Containers	I. Misc. Comments
a. PCB, lead arsenic impacted soil <i>WM Profile # 128779MI</i>			No. 1 Type DT	Total Qty. 1 Wt./Vol. 32 Y Comments 35.05 tmo
b. Waste Name <i>WM Profile # WM Profile Number</i>			No. Type	Total Qty. Wt./Vol. Comments
c. Waste Name <i>WM Profile # WM Profile Number</i>			No. Type	Total Qty. Wt./Vol. Comments
d. Waste Name <i>WM Profile # WM Profile Number</i>			No. Type	Total Qty. Wt./Vol. Comments
e. Waste Name <i>WM Profile # WM Profile Number</i>			No. Type	Total Qty. Wt./Vol. Comments
f. Waste Name <i>WM Profile # WM Profile Number</i>			No. Type	Total Qty. Wt./Vol. Comments
g. Waste Name <i>WM Profile # WM Profile Number</i>			No. Type	Total Qty. Wt./Vol. Comments
h. Waste Name <i>WM Profile # WM Profile Number</i>			No. Type	Total Qty. Wt./Vol. Comments
i. Waste Name <i>WM Profile # WM Profile Number</i>			No. Type	Total Qty. Wt./Vol. Comments
j. Additional Descriptions for Materials Listed Above <i>Additional Description</i>			K. Disposal Location	
			Cell	Level
			Grid	
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08 Day 16 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Kurt Abramson</i>		Signature <i>Kurt Abramson</i>		Month 8 Day 16 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Thoreson Operations Specialist</i>		Signature <i>Linda Thoreson</i>		Month 8 Day 16 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				
Blue- GENERATOR #2 COPY				
Yellow- GENERATOR #1 COPY				
Pink- FACILITY USE ONLY				
Gold- TRANSPORTER #1 COPY				



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310727

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/16/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2016 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/16/2021 08:47:59	Scale	LThoreson	Tare	52440	lb
Out 08/16/2021 09:16:26	Scale	LThoreson	Net	77260	lb
			Tons	38.63	

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	38.63	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	38.63	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	38.63	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	38.63	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator's ID <i>0077</i>	Manifest Doc No. <i>0077</i>	2. Page 1 of <i>1</i>	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930		A. Manifest Number WMNA B. State Generator's ID 10674773
4. Generator's Phone 734-740-9019				D. Transporter's Phone 906 337 0017
5. Transporter 1 Company Name <i>B&B</i>		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID <i>State Transporter ID</i>
7. Transporter 2 Company Name		8. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953		10. US EPA ID Number <i>US EPA ID Number</i>		F. Transporter's Phone <i>Transporter 2 Phone</i>
11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. PCB, lead arsenic impacted soil WM Profile # 128779M1	No. 1	Type DT	1	32 Y
b. <i>Waste Name</i>	No.	Type	Total Qty.	Wt./Vol.
c. <i>Waste Name</i>	No.	Type	Total Qty.	Wt./Vol.
d. <i>Waste Name</i>	No.	Type	Total Qty.	Wt./Vol.
J. Additional Descriptions for Materials Listed Above Additional Description	K. Disposal Location			
	Cell		Level	
Grid				
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>		Signature "On behalf of" <i>Brian Kelly</i>		Month 08 Day 16 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Terry Nordstrom</i>		Signature <i>Terry Nordstrom</i>		Month 08 Day 16 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name		Signature		Month Day Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Johnson Operations Specialist</i>		Signature <i>Linda Johnson</i>		Month 08 Day 16 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #1 COPY		Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310732

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/16/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 109
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/16/2021 08:53:57	Scale	LThoreson		Tare	33280 lb
Out 08/16/2021 09:30:23	Scale	LThoreson		Net	41640 lb
				Tons	20.82

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	20.82	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	20.82	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	20.82	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	20.82	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature Shane (gt)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of			
		0078	1	Page		
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (If different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number	WMNA	10674774		
4. Generator's Phone 734-740-9019		B. State Generator's ID	State Generator's ID			
5. Transporter 1 Company Name <i>B&B</i>	6. US EPA ID Number	C. State Transporter's ID	State Transporter ID			
7. Transporter 2 Company Name	8. US EPA ID Number	D. Transporter's Phone	2063370017			
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number	E. State Transporter's ID	State Transporter ID			
		F. Transporter's Phone	Transporter 2 Phone			
G E N E R A T O R	11. Description of Waste Materials	12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
a. PCB, lead arsenic impacted soil WM Profile # 128779MI	No. 1	Type DT	1	24 Y	<i>20.82 tons</i>	
b. Waste Name WM Profile #	No.	Type	Total Qty.	Wt./Vol.	Comments	
c. Waste Name WM Profile #	No.	Type	Total Qty.	Wt./Vol.	Comments	
d. Waste Name WM Profile #	No.	Type	Total Qty.	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Descriptions	K. Disposal Location					
	Cell		Level			
Grid						
15. Special Handling Instructions and Additional Information						
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Brian Kelly	Signature "On behalf of" <i>Brian Kelly</i>			Month 08	Day 16	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name Share Karri	Signature <i>Share Karri</i>			Month 08	Day 16	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name	Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name Linda Thoreson	Signature <i>Linda Thoreson</i>			Month 08	Day 16	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY						
Pink- FACILITY USE ONLY						
Blue- GENERATOR #2 COPY						
Gold- TRANSPORTER #1 COPY						
Yellow- GENERATOR #1 COPY						



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310735

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/16/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 2020 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time	Scale	Operator	Inbound	Gross	lb
In 08/16/2021 09:52:54	Scale	LThoreson		Tare	64260 lb
Out 08/16/2021 10:25:23	Scale	LThoreson		Net	93460 lb
				Tons	46.73

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	46.73	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	46.73	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	46.73	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	46.73	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Dug (at)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. <i>Generator ID</i>	Manifest Doc No. 0079	2. Page 1 of 1	
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674775	
4. Generator's Phone 734-740-9019				
5. Transporter 1 Company Name B&B	6. US EPA ID Number <i>US EPA ID Number</i>	C. State Transporter's ID <i>State Transporter ID</i>	D. Transporter's Phone 906-337-0017	
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>	8. US EPA ID Number <i>US EPA ID Number</i>	E. State Transporter's ID <i>State Transporter ID</i>	F. Transporter's Phone <i>Transporter 2 Phone</i>	
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number <i>US EPA ID Number</i>	G. State Facility ID <i>State Facility ID</i>	H. State Facility Phone 906-883-3504	
11. Description of Waste Materials	12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. PCB, lead arsenic impacted soil <i>WM Profile # 128779MI</i>	No. 21 Type DT	1	454	46.73 tons
b. Waste Name <i>WM Profile #</i>	No. Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name <i>WM Profile #</i>	No. Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name <i>WM Profile #</i>	No. Type	Total Qty.	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>	K. Disposal Location			
	Cell		Level	
	Grid			
15. Special Handling Instructions and Additional Information				
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019			
16. GENERATOR'S CERTIFICATE:				
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>			Month 08 Day 16 Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name <i>Greg Tchida</i>	Signature <i>Greg Tchida</i>			Month 8 Day 16 Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature			Month Day Year
19. Certificate of Final Treatment/Disposal				
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>Linda Moeser</i>	Signature <i>Linda Moeser</i>			Month 8 Day 16 Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY		



K&W Landfill
11877 HWY 38
Ontonagon, MI, 49953

Original
Ticket# 310740

Ph: 906-883-3504

Customer Name EQM EQM
Ticket Date 08/16/2021
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
PO# 023944

Carrier BBCONTRACTING B&B CONTRACTING
Vehicle# 700 Volume
Container
Driver
Check#
Billing# 0000487
Grid

Time Scale
In 08/16/2021 11:06:36 Scale
Out 08/16/2021 11:31:47 Scale

Comments USEPA JULIO SALVAGE SITE
20675 ROYCE RD RIPLEY

Inbound Gross 127240 lb
Tare 50840 lb
Net 76400 lb
Tons 38.20

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-Tons-Un	100	38.20	Tons				HOUGMI
2 ENVT-ENVIRONMENTAL FEE T	100	38.20	Tons				HOUGMI
3 FUEL-T-FUEL SURCHARGE TON	100	38.20	Tons				HOUGMI
4 WWMT-WASTE WATER MANAGEM	100	38.20	Tons				HOUGMI
5 TPE-TRANSPORTATION PER L	100	1	Load				HOUGMI

Total Tax
Total Ticket

Driver's Signature

Kurt (el)



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Generator's Alt 0080	Manifest Doc No. 0080	2. Page 1 of 1			
3. Generator's Mailing Address: USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	Generator's Site Address (if different than mailing): USEPA Julio Salvage Site 20675 Royce Road Ripley, MI 49930	A. Manifest Number WMNA	B. State Generator's ID 10674776			
4. Generator's Phone 734-740-9019		C. State Transporter's ID D. Transporter's Phone 906 337 0017				
5. Transporter 1 Company Name <i>B & B</i>	6. US EPA ID Number US EPA ID Number	E. State Transporter's ID F. Transporter's Phone				
7. Transporter 2 Company Name K&W Landfill	8. US EPA ID Number US EPA ID Number	G. State Facility ID H. State Facility Phone 906-883-3504				
9. Designated Facility Name and Site Address K&W Landfill 11877 State Highway M38 Ontonagon, MI 49953	10. US EPA ID Number US EPA ID Number					
11. Description of Waste Materials a. PCB, lead arsenic impacted soil WM Profile # 128779MI		12. Containers No. Type	13. Total Quantity 1	14. Unit Wt./Vol. 32 Y	I. Misc. Comments <i>38.20 tons</i>	
b. Waste Name WM Profile #		No. Type	Total Qty.	Wt./Vol.	Comments	
c. Waste Name WM Profile #		No. Type	Total Qty.	Wt./Vol.	Comments	
d. Waste Name WM Profile #		No. Type	Total Qty.	Wt./Vol.	Comments	
J. Additional Descriptions for Materials Listed Above Additional Description		K. Disposal Location Cell Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #	EMERGENCY CONTACT / PHONE NO.: Brian Kelly 734-740-9019					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Brian Kelly</i>	Signature "On behalf of" <i>Brian Kelly</i>			Month 08	Day 16	Year 21
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>Kurt Aberson</i>	Signature <i>Kurt Aberson</i>			Month 8	Day 16	Year 21
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name	Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Linda Thoreson Operations Specialist</i>	Signature <i>Linda Thoreson</i>			Month 8	Day 16	Year 21
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY			Blue- GENERATOR #2 COPY	Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY			Gold- TRANSPORTER #1 COPY			



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH2232920

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION #	MIR000014142	GENERATOR NAME:	Julio Properties		
GENERATOR CODE (Assigned by Clean Harbors)	JU12254	CITY	Hancock	STATE/PROVINCE	MI
ADDRESS	20815 Royce Rd	PHONE: (513) 825-7500			49930
CUSTOMER CODE (Assigned by Clean Harbors)	EN0459	CUSTOMER NAME:	Environmental Quality Management		
ADDRESS	3500 South 179th Street	CITY	Hammond	STATE/PROVINCE	IN
			ZIP/POSTAL CODE 46323		

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **PCB Oil/Water > 50ppm**

PROCESS GENERATING WASTE: **Engineering and Consulting project**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER ? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS			VISCOSITY (If liquid present)		COLOR <u>Varies</u>			
	1	<input checked="" type="checkbox"/> 2	3	TOP	0.00				
SOLID WITHOUT FREE LIQUID				MIDDLE	0.00				
POWDER				BOTTOM	0.00				
MONOLITHIC SOLID									
<input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS									
LIQUID/SOLID MIXTURE									
% FREE LIQUID									
% SETTLED SOLID									
% TOTAL SUSPENDED SOLID									
SLUDGE									
GAS/AEROSOL									
		ODOR		BOILING POINT °F (°C)		MELTING POINT °F (°C)		TOTAL ORGANIC CARBON	
		NONE		<= 95 (<=35)		< 140 (<60)		<= 1%	
		<input checked="" type="checkbox"/> MILD		95 - 100 (35-38)		140-200 (60-93)		1-9%	
		STRONG		101 - 129 (38-54)		> 200 (>93)		<input checked="" type="checkbox"/> >= 10%	
		Describe:		<input checked="" type="checkbox"/> >= 130 (>54)		Actual:			
FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH	BTU/LB (MJ/kg)					
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1	< 2,000 (<4.6)					
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0	2,000-5,000 (4.6-11.6)					
101 - 140 (38-60)	<input checked="" type="checkbox"/> 7 (Neutral)	1.0 (e.g. Water)	1.1 - 5.0	<input checked="" type="checkbox"/> 5,000-10,000 (11.6-23.2)					
<input checked="" type="checkbox"/> 141 - 200 (60-93)	7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0	> 10,000 (>23.2)					
> 200 (>93)	>= 12.5	> 1.2 (e.g. Methylene Chloride)							

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
PCB OIL	50.0000000	--	960.0000000	PPM
PCB OIL	50.0000000	--	100.0000000	%
SLUDGE / SOLIDS	1.0000000	--	10.0000000	%
WATER	1.0000000	--	50.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3')? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING: ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE.

G13

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W205**

E. CONSTITUENTS

 Are these values based on testing or knowledge? Knowledge Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC		5.0			<input checked="" type="checkbox"/>
D005	BARIUM		100.0			<input checked="" type="checkbox"/>
D006	CADMIUM		1.0			<input checked="" type="checkbox"/>
D007	CHROMIUM		5.0			<input checked="" type="checkbox"/>
D008	LEAD		5.0			<input checked="" type="checkbox"/>
D009	MERCURY		0.2			<input checked="" type="checkbox"/>
D010	SELENIUM		1.0			<input checked="" type="checkbox"/>
D011	SILVER		5.0			<input checked="" type="checkbox"/>
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM
D018	BENZENE		0.5	BROMINE		
D019	CARBON TETRACHLORIDE		0.5	CHLORINE		
D021	CHLOROBENZENE		100.0	FLUORINE		
D022	CHLOROFORM		6.0	IODINE		
D028	1,2-DICHLOROETHANE		0.5	SULFUR		
D029	1,1-DICHLOROETHYLENE		0.7	POTASSIUM		
D035	METHYL ETHYL KETONE		200.0	SODIUM		
D039	TETRACHLOROETHYLENE		0.7	AMMONIA		
D040	TRICHLOROETHYLENE		0.5	CYANIDE AMENABLE		
D043	VINYL CHLORIDE		0.2	CYANIDE REACTIVE		
SEMI-VOLATILE COMPOUNDS				CYANIDE TOTAL		
D023	o-CRESOL		200.0	SULFIDE REACTIVE		
D024	m-CRESOL		200.0			
D025	p-CRESOL		200.0			
D026	CRESOL (TOTAL)		200.0			
D027	1,4-DICHLOROBENZENE		7.5			
D030	2,4-DINITROTOLUENE		0.13			
D032	HEXACHLOROBENZENE		0.13			
D033	HEXACHLOROBUTADIENE		0.5			
D034	HEXACHLOROETHANE		3.0			
D036	NITROBENZENE		2.0			
D037	PENTACHLOROPHENOL		100.0			
D038	PYRIDINE		5.0			
D041	2,4,5-TRICHLOROPHENOL		400.0			
D042	2,4,6-TRICHLOROPHENOL		2.0			
PESTICIDES AND HERBICIDES						
D012	ENDRIN		0.02			
D013	LINDANE		0.4			
D014	METHOXYCHLOR		10.0			
D015	TOXAPHENE		0.5			
D016	2,4-D		10.0			
D017	2,4,5-TP (SILVEX)		1.0			
D020	CHLORDANE		0.03			
D031	HEPTACHLOR (AND ITS EPOXIDE)		0.008			
ADDITIONAL HAZARDS						
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?						
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	(If yes, explain)				
CHOOSE ALL THAT APPLY						
DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	<input checked="" type="checkbox"/>	OSHA REGULATED CARCINOGENS		
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL		NONE OF THE ABOVE		

HOCs
 NONE
 < 1000 PPM
 >= 1000 PPM

PCBs
 NONE
 < 50 PPM
 >=50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES NO

F. REGULATORY STATUS

YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	USEPA HAZARDOUS WASTE?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DO ANY STATE WASTE CODES APPLY?	<input type="text"/>	
			Texas Waste Code <input type="text"/>	<input type="text"/>
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?	LDR CATEGORY: VARIANCE INFO:	Not subject to LDR
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THIS A UNIVERSAL WASTE?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THE GENERATOR OF THE WASTE CLASSIFIED AS A VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THIS WASTE STREAM "USED OIL" WHICH IS TO BE MANAGED UNDER 40 CFR PART 279 - STANDARDS FOR THE MANAGEMENT OF USED OIL?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >=.3KPA (.044 PSIA)?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 76.6 KPA (11.1 PSIA)?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?	<input type="text"/>	
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?	<input type="text"/>	
			Hazardous Organic NESHAP (HON) rule (subpart G)	Pharmaceuticals production (subpart GGG)
YES <input type="checkbox"/>	NO <input type="checkbox"/>	IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?	<input type="text"/>	
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?	<input type="text"/>	
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?	<input type="text"/>	
What is the TAB quantity for your facility? <input type="text"/> Megagram/year (1 Mg = 2,200 lbs)			<input type="text"/>	
The basis for this determination is: Knowledge of the Waste Or Test Data			Knowledge	Testing
Describe the knowledge : <input type="text"/>			<input type="text"/>	

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

RQ, UN2315, WASTE POLYCHLORINATED BIPHENYLS, LIQUID, 9, PG III**H. TRANSPORTATION REQUIREMENTS**ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

<input checked="" type="checkbox"/> CONTAINERIZED 1-10 CONTAINERS/SHIPMENT		BULK LIQUID	BULK SOLID	
STORAGE CAPACITY:	10	GALLONS/SHIPMENT: 0 Min -0 Max	GAL.	SHIPMENT UOM: TON YARD
CONTAINER TYPE:				TONS/YARDS/SHIPMENT: 0 Min - 0 Max
PORTABLE TOTE TANK	BOX CARTON CASE			
CUBIC YARD BOX	<input checked="" type="checkbox"/> DRUM			
OTHER:	DRUM SIZE: 55			

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE



Addendum

D. COMPOSITION

F. REGULATORY STATUS



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH2232924

A. GENERAL INFORMATION

GENERATOR EPA ID#/REGISTRATION #	MIR000014142	GENERATOR NAME:	Julio Properties				
GENERATOR CODE (Assigned by Clean Harbors)	JU12254	CITY	Hancock	STATE/PROVINCE	MI		
ADDRESS	20815 Royce Rd				ZIP/POSTAL CODE	49930	
CUSTOMER CODE (Assigned by Clean Harbors)	EN0459	CUSTOMER NAME:	PHONE: (513) 825-7500				
ADDRESS	3500 South 179th Street	CITY	Hammond	STATE/PROVINCE	IN	ZIP/POSTAL CODE	46323
Environmental Quality Management							

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **PCB DEBRIS**

PROCESS GENERATING WASTE: **CLEANUP MATERIAL**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE	NUMBER OF PHASES/LAYERS				VISCOSITY (If liquid present)	COLOR
	1	2	3	TOP	0.00	
<input checked="" type="checkbox"/> SOLID WITHOUT FREE LIQUID				MIDDLE	0.00	
POWDER				BOTTOM	0.00	
MONOLITHIC SOLID						
LIQUID WITH NO SOLIDS						
LIQUID/SOLID MIXTURE						
% FREE LIQUID						
% SETTLED SOLID						
% TOTAL SUSPENDED SOLID						
SLUDGE						
GAS/AEROSOL						
ODOR				BOILING POINT °F (°C)	MELTING POINT °F (°C)	TOTAL ORGANIC CARBON
<input checked="" type="checkbox"/> NONE				<= 95 (<=35)	< 140 (<60)	<= 1%
MILD				95 - 100 (35-38)	140-200 (60-93)	1-9%
STRONG				101 - 129 (38-54)	> 200 (>93)	>= 10%
Describe:				>= 130 (>54)		
FLASH POINT °F (°C)	pH	SPECIFIC GRAVITY	ASH		BTU/LB (MJ/kg)	
< 73 (<23)	<= 2	< 0.8 (e.g. Gasoline)	< 0.1	> 20	< 2,000 (<4.6)	
73 - 100 (23-38)	2.1 - 6.9	0.8-1.0 (e.g. Ethanol)	0.1 - 1.0	<input checked="" type="checkbox"/> Unknown	2,000-5,000 (4.6-11.6)	
101 -140 (38-60)	<input checked="" type="checkbox"/> 7 (Neutral)	1.0 (e.g. Water)	1.1 - 5.0		5,000-10,000 (11.6-23.2)	
141 -200 (60-93)	7.1 - 12.4	1.0-1.2 (e.g. Antifreeze)	5.1 - 20.0		> 10,000 (>23.2)	
> 200 (>93)	>= 12.5	<input checked="" type="checkbox"/> > 1.2 (e.g. Methylene Chloride)			Actual:	

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	--	MAX	UOM
DEBRIS	99.0000000	--	100.0000000	%
PCB	0.0000000	--	49.0000000	PPM
PPE (FROM HANDLING PCBS)	25.0000000	--	75.0000000	%
PUMP	25.0000000	--	25.0000000	%
SHOP VAC MACHINE USED FOR CLEANUP	25.0000000	--	25.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")?

YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM?

YES NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL?

YES NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS.

YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED.

YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE.

G15

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE.

W002

E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Analytical shows PCB less than 50ppm

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE	MAX	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>			
D005	BARIUM	100.0				<input checked="" type="checkbox"/>			
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>			
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>			
D008	LEAD	5.0				<input checked="" type="checkbox"/>			
D009	MERCURY	0.2				<input checked="" type="checkbox"/>			
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>			
D011	SILVER	5.0				<input checked="" type="checkbox"/>			
VOLATILE COMPOUNDS				OTHER CONSTITUENTS			MAX	UOM	NOT APPLICABLE
D018	BENZENE	0.5		BROMINE					<input checked="" type="checkbox"/>
D019	CARBON TETRACHLORIDE	0.5		CHLORINE					<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0		FLUORINE					<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0		IODINE					<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5		SULFUR					<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM					<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0		SODIUM					<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7		AMMONIA					<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE					<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE					<input checked="" type="checkbox"/>
SEMI-VOLATILE COMPOUNDS				CYANIDE TOTAL					<input checked="" type="checkbox"/>
D023	o-CRESOL	200.0		SULFIDE REACTIVE					<input checked="" type="checkbox"/>
D024	m-CRESOL	200.0							
D025	p-CRESOL	200.0							
D026	CRESOL (TOTAL)	200.0							
D027	1,4-DICHLOROBENZENE	7.5							
D030	2,4-DINITROTOLUENE	0.13							
D032	HEXACHLOROBENZENE	0.13							
D033	HEXACHLOROBUTADIENE	0.5							
D034	HEXACHLOROETHANE	3.0							
D036	NITROBENZENE	2.0							
D037	PENTACHLOROPHENOL	100.0							
D038	PYRIDINE	5.0							
D041	2,4,5-TRICHLOROPHENOL	400.0							
D042	2,4,6-TRICHLOROPHENOL	2.0							
PESTICIDES AND HERBICIDES									
D012	ENDRIN	0.02							
D013	LINDANE	0.4							
D014	METHOXYPHOR	10.0							
D015	TOXAPHENE	0.5							
D016	2,4-D	10.0							
D017	2,4,5-TP (SILVEX)	1.0							
D020	CHLORDANE	0.03							
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008							
ADDITIONAL HAZARDS									
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?									
YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	(If yes, explain)							
CHOOSE ALL THAT APPLY									
DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	<input checked="" type="checkbox"/>	OSHA REGULATED CARCINOGENS					
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	<input type="checkbox"/>	NONE OF THE ABOVE					

HOCs

- NONE
 < 1000 PPM
 >= 1000 PPM

PCBs

- NONE
 < 50 PPM
 >= 50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?

YES NO

F. REGULATORY STATUS

YES	<input checked="" type="checkbox"/>	NO	USEPA HAZARDOUS WASTE?	<input type="text"/>	
YES	<input checked="" type="checkbox"/>	NO	DO ANY STATE WASTE CODES APPLY?	<input type="text"/>	
			Texas Waste Code	<input type="text"/>	
YES	<input checked="" type="checkbox"/>	NO	DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?	<input type="text"/>	
YES	<input checked="" type="checkbox"/>	NO	IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?	LDR CATEGORY: VARIANCE INFO:	<input type="text"/> Not subject to LDR
YES	<input checked="" type="checkbox"/>	NO	IS THIS A UNIVERSAL WASTE?	<input type="text"/>	
<input checked="" type="checkbox"/>	YES	NO	IS THE GENERATOR OF THE WASTE CLASSIFIED AS A VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?	<input type="text"/>	
YES	NO	IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?	<input type="text"/>		
YES	<input checked="" type="checkbox"/>	NO	DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?	<input type="text"/>	
YES	NO	IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?	<input type="text"/>		
YES	<input checked="" type="checkbox"/>	NO	IS THIS WASTE STREAM "USED OIL" WHICH IS TO BE MANAGED UNDER 40 CFR PART 279 - STANDARDS FOR THE MANAGEMENT OF USED OIL?	<input type="text"/>	
YES	<input checked="" type="checkbox"/>	NO	DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?	<input type="text"/>	
YES	<input checked="" type="checkbox"/>	NO	DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >=.3KPA (.044 PSIA)?	<input type="text"/>	
YES	<input checked="" type="checkbox"/>	NO	DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 76.6 KPA (11.1 PSIA)?	<input type="text"/>	
YES	<input checked="" type="checkbox"/>	NO	IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?	<input type="text"/>	
YES	<input checked="" type="checkbox"/>	NO	IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?	<input type="text"/>	
			Hazardous Organic NESHAP (HON) rule (subpart G)	Pharmaceuticals production (subpart GGG)	
YES	NO	IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?	<input type="text"/>		
YES	NO	Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?	<input type="text"/>		
YES	NO	Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?	<input type="text"/>		
What is the TAB quantity for your facility? <input type="text"/> Megagram/year (1 Mg = 2,200 lbs)			<input type="text"/>		
The basis for this determination is: Knowledge of the Waste Or Test Data			Knowledge	Testing	
Describe the knowledge : <input type="text"/>			<input type="text"/>		

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

UN2315, POLYCHLORINATED BIPHENYLS, LIQUID, 9, PG III**H. TRANSPORTATION REQUIREMENTS**ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER CONTAINERIZED
1-2 CONTAINERS/SHIPMENTSTORAGE CAPACITY:
CONTAINER TYPE:

PORTABLE TOTE TANK

BOX|CARTON|CASE

CUBIC YARD BOX

 DRUM

OTHER:

DRUM SIZE: **85****BULK LIQUID**GALLONS/SHIPMENT: **0 Min -0 Max**

GAL.

BULK SOLID

SHIPMENT UOM:

TON

YARD

TONS/YARDS/SHIPMENT: **0 Min - 0 Max****I. SPECIAL REQUEST**

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE



Addendum

D. COMPOSITION

F. REGULATORY STATUS



23-Aug-2021

Angye Dragotta
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Re: **Julio**

Work Order: **21081140**

Dear Angye,

ALS Environmental received 2 samples on 12-Aug-2021 08:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 32.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

A handwritten signature in black ink, appearing to read "Bill Carey".

Electronically approved by: Bill Carey

Bill Carey
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Client: Environmental Quality Management, Inc.
Project: Julio
Work Order: 21081140

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21081140-01	OT-01	Liquid		8/11/2021 11:30	8/12/2021 08:30	<input type="checkbox"/>
21081140-02	OT-01 (Oil)	Liquid		8/11/2021 11:30	8/12/2021 08:30	<input type="checkbox"/>

Client: Environmental Quality Management, Inc.
Project: Julio
WorkOrder: 21081140

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
mg/Kg	Milligrams per Kilogram
mg/L	Milligrams per Liter

Client: Environmental Quality Management, Inc.
Project: Julio
Work Order: 21081140

Case Narrative

The attached "Sample Receipt Checklist" documents the date of receipt, status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. A copy of the laboratory's scope of accreditation is available upon request.

Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting.

Any flags on MS/MSD samples not addressed in this narrative are unrelated to samples in this report.

With the following exceptions, all sample analyses achieved analytical criteria.

Batch 182099, Method SW846 8270D, Sample OT-01 (21081140-01D): sample reduced because brown. Has oil layer

Batch 181939, Method SW8082, Sample OT-01 (21081140-01B): The surrogate recoveries are unavailable due to dilution below the calibration range.

Batch R324452d, Method SW8260C, Sample OT-01 (21081140-01A): The reporting limit is elevated due to dilution needed to eliminate matrix-related interference.

Batch 182099, Method SW846 8270D, Sample SLCSDW1-182099: The LCSD recovery was below the lower control limit. The sample results may be biased low for this analyte: Multiple Compounds

Batch 182099, Method SW846 8270D, Sample SLCSDW1-182099: The RPD between the LCS and LCSD was outside of the control limit. The sample results should be considered estimated for this analyte: Multiple Compounds

Client: Environmental Quality Management, Inc.

Project: Julio

Sample ID: OT-01

Collection Date: 8/11/2021 11:30 AM

Work Order: 21081140

Lab ID: 21081140-01

Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW8082		Prep: SW3511 8/13/21 15:57	Analyst: RM
Aroclor 1016	ND		0.060	mg/L	25	8/17/2021 01:23 PM
Aroclor 1221	ND		0.060	mg/L	25	8/17/2021 01:23 PM
Aroclor 1232	ND		0.060	mg/L	25	8/17/2021 01:23 PM
Aroclor 1242	ND		0.060	mg/L	25	8/17/2021 01:23 PM
Aroclor 1248	ND		0.060	mg/L	25	8/17/2021 01:23 PM
Aroclor 1254	ND		0.060	mg/L	25	8/17/2021 01:23 PM
Aroclor 1260	0.87		0.060	mg/L	25	8/17/2021 01:23 PM
Aroclor 1262	ND		0.060	mg/L	25	8/17/2021 01:23 PM
Aroclor 1268	ND		0.060	mg/L	25	8/17/2021 01:23 PM
PCBs, Total	0.87		0.060	mg/L	25	8/17/2021 01:23 PM
Surr: Decachlorobiphenyl	0 S		30-150	%REC	25	8/17/2021 01:23 PM
Surr: Tetrachloro-m-xylene	0 S		50-150	%REC	25	8/17/2021 01:23 PM
MERCURY BY CVAA			SW7470A		Prep: SW7470 8/16/21 14:08	Analyst: MTW
Mercury	ND		0.0020	mg/L	1	8/16/2021 03:16 PM
METALS BY ICP-MS			SW6020B		Prep: SW3005A 8/16/21 07:39	Analyst: STP
Arsenic	0.27		0.050	mg/L	1	8/16/2021 05:06 PM
Barium	1.2		0.050	mg/L	1	8/16/2021 05:06 PM
Cadmium	0.29		0.020	mg/L	1	8/16/2021 05:06 PM
Chromium	0.092		0.050	mg/L	1	8/16/2021 05:06 PM
Lead	19		0.50	mg/L	10	8/17/2021 02:34 PM
Selenium	ND		0.050	mg/L	1	8/16/2021 05:06 PM
Silver	ND		0.050	mg/L	1	8/16/2021 05:06 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			SW846 8270D		Prep: SW3510 8/17/21 15:57	Analyst: EE
1,1'-Biphenyl	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2,4,5-Trichlorophenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2,4,6-Trichlorophenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2,4-Dichlorophenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2,4-Dimethylphenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2,4-Dinitrophenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2,4-Dinitrotoluene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2,6-Dinitrotoluene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2-Chloronaphthalene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2-Chlorophenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2-Methylnaphthalene	4.1		2.5	mg/L	5	8/18/2021 12:48 AM
2-Methylphenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2-Nitroaniline	ND		2.5	mg/L	5	8/18/2021 12:48 AM
2-Nitrophenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Environmental Quality Management, Inc.

Project: Julio

Sample ID: OT-01

Collection Date: 8/11/2021 11:30 AM

Work Order: 21081140

Lab ID: 21081140-01

Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
3&4-Methylphenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
3,3'-Dichlorobenzidine	ND		2.5	mg/L	5	8/18/2021 12:48 AM
3-Nitroaniline	ND		2.5	mg/L	5	8/18/2021 12:48 AM
4,6-Dinitro-2-methylphenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
4-Bromophenyl phenyl ether	ND		2.5	mg/L	5	8/18/2021 12:48 AM
4-Chloro-3-methylphenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
4-Chloroaniline	ND		2.5	mg/L	5	8/18/2021 12:48 AM
4-Chlorophenyl phenyl ether	ND		2.5	mg/L	5	8/18/2021 12:48 AM
4-Nitroaniline	ND		2.5	mg/L	5	8/18/2021 12:48 AM
4-Nitrophenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Acenaphthene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Acenaphthylene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Acetophenone	ND		0.50	mg/L	5	8/18/2021 12:48 AM
Anthracene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Atrazine	ND		0.50	mg/L	5	8/18/2021 12:48 AM
Benzaldehyde	ND		0.50	mg/L	5	8/18/2021 12:48 AM
Benzo(a)anthracene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Benzo(a)pyrene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Benzo(b)fluoranthene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Benzo(g,h,i)perylene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Benzo(k)fluoranthene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Bis(2-chloroethoxy)methane	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Bis(2-chloroethyl)ether	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Bis(2-chloroisopropyl)ether	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Bis(2-ethylhexyl)phthalate	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Butyl benzyl phthalate	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Caprolactam	ND		5.0	mg/L	5	8/18/2021 12:48 AM
Carbazole	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Chrysene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Dibenzo(a,h)anthracene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Dibenzofuran	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Diethyl phthalate	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Dimethyl phthalate	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Di-n-butyl phthalate	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Di-n-octyl phthalate	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Fluoranthene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Fluorene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Hexachlorobenzene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Hexachlorobutadiene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Hexachlorocyclopentadiene	ND		2.5	mg/L	5	8/18/2021 12:48 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Environmental Quality Management, Inc.

Project: Julio

Sample ID: OT-01

Collection Date: 8/11/2021 11:30 AM

Work Order: 21081140

Lab ID: 21081140-01

Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachloroethane	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Indeno(1,2,3-cd)pyrene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Isophorone	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Naphthalene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Nitrobenzene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
N-Nitrosodi-n-propylamine	ND		2.5	mg/L	5	8/18/2021 12:48 AM
N-Nitrosodiphenylamine	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Pentachlorophenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Phenanthrene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Phenol	ND		2.5	mg/L	5	8/18/2021 12:48 AM
Pyrene	ND		2.5	mg/L	5	8/18/2021 12:48 AM
<i>Surr: 2,4,6-Tribromophenol</i>	81.1		27-83	%REC	5	8/18/2021 12:48 AM
<i>Surr: 2-Fluorobiphenyl</i>	72.7		26-79	%REC	5	8/18/2021 12:48 AM
<i>Surr: 2-Fluorophenol</i>	47.8		13-56	%REC	5	8/18/2021 12:48 AM
<i>Surr: 4-Terphenyl-d14</i>	74.9		43-106	%REC	5	8/18/2021 12:48 AM
<i>Surr: Nitrobenzene-d5</i>	65.1		29-80	%REC	5	8/18/2021 12:48 AM
<i>Surr: Phenol-d6</i>	33.5		10-35	%REC	5	8/18/2021 12:48 AM
VOLATILE ORGANIC COMPOUNDS						
			SW8260C			Analyst: HJ
1,1,1-Trichloroethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,1,2,2-Tetrachloroethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,1,2-Trichloroethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,1,2-Trichlorotrifluoroethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,1-Dichloroethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,1-Dichloroethene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,2,4-Trichlorobenzene	0.055		0.010	mg/L	10	8/16/2021 09:03 PM
1,2-Dibromo-3-chloropropane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,2-Dibromoethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,2-Dichlorobenzene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,2-Dichloroethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,2-Dichloropropane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,3-Dichlorobenzene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
1,4-Dichlorobenzene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
2-Butanone	ND		0.050	mg/L	10	8/16/2021 09:03 PM
2-Hexanone	ND		0.050	mg/L	10	8/16/2021 09:03 PM
4-Methyl-2-pentanone	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Acetone	0.44		0.10	mg/L	10	8/16/2021 09:03 PM
Benzene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Bromodichloromethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Bromoform	ND		0.010	mg/L	10	8/16/2021 09:03 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Environmental Quality Management, Inc.

Project: Julio

Sample ID: OT-01

Collection Date: 8/11/2021 11:30 AM

Work Order: 21081140

Lab ID: 21081140-01

Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromomethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Carbon disulfide	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Carbon tetrachloride	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Chlorobenzene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Chloroethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Chloroform	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Chloromethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
cis-1,2-Dichloroethene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
cis-1,3-Dichloropropene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Cyclohexane	ND		0.020	mg/L	10	8/16/2021 09:03 PM
Dibromochloromethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Dichlorodifluoromethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Ethylbenzene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Isopropylbenzene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Methyl acetate	ND		0.020	mg/L	10	8/16/2021 09:03 PM
Methyl tert-butyl ether	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Methylcyclohexane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Methylene chloride	ND		0.050	mg/L	10	8/16/2021 09:03 PM
Styrene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Tetrachloroethene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Toluene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
trans-1,2-Dichloroethene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
trans-1,3-Dichloropropene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Trichloroethene	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Trichlorofluoromethane	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Vinyl chloride	ND		0.010	mg/L	10	8/16/2021 09:03 PM
Xylenes, Total	ND		0.030	mg/L	10	8/16/2021 09:03 PM
Surr: 1,2-Dichloroethane-d4	105		75-120	%REC	10	8/16/2021 09:03 PM
Surr: 4-Bromofluorobenzene	94.6		80-110	%REC	10	8/16/2021 09:03 PM
Surr: Dibromofluoromethane	103		85-115	%REC	10	8/16/2021 09:03 PM
Surr: Toluene-d8	95.7		85-110	%REC	10	8/16/2021 09:03 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Environmental Quality Management, Inc.

Project: Julio

Sample ID: OT-01 (Oil)

Collection Date: 8/11/2021 11:30 AM

Work Order: 21081140

Lab ID: 21081140-02

Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			SW8082		Prep: SW3580 8/20/21 12:36	Analyst: RM
Aroclor 1016	ND		20	mg/Kg	20	8/20/2021 04:15 PM
Aroclor 1221	ND		20	mg/Kg	20	8/20/2021 04:15 PM
Aroclor 1232	ND		20	mg/Kg	20	8/20/2021 04:15 PM
Aroclor 1242	ND		20	mg/Kg	20	8/20/2021 04:15 PM
Aroclor 1248	ND		20	mg/Kg	20	8/20/2021 04:15 PM
Aroclor 1254	ND		20	mg/Kg	20	8/20/2021 04:15 PM
Aroclor 1260	960		20	mg/Kg	20	8/20/2021 04:15 PM
Aroclor 1262	ND		20	mg/Kg	20	8/20/2021 04:15 PM
Aroclor 1268	ND		20	mg/Kg	20	8/20/2021 04:15 PM
PCBs, Total	960		20	mg/Kg	20	8/20/2021 04:15 PM
<i>Surr: Decachlorobiphenyl</i>	0	S	50-150	%REC	20	8/20/2021 04:15 PM
<i>Surr: Tetrachloro-m-xylene</i>	0	S	50-150	%REC	20	8/20/2021 04:15 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **181939** Instrument ID **GC14** Method: **SW8082**

Mblk Sample ID: PBLKW1-181939-181939			Units: µg/L		Analysis Date: 8/15/2021 07:27 PM			
Client ID:		Run ID: GC14_210815A		SeqNo: 7668914		Prep Date: 8/13/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual
Aroclor 1016	ND	0.20						
Aroclor 1221	ND	0.20						
Aroclor 1232	ND	0.20						
Aroclor 1242	ND	0.20						
Aroclor 1248	ND	0.20						
Aroclor 1254	ND	0.20						
Aroclor 1260	ND	0.20						
Aroclor 1262	ND	0.20						
Aroclor 1268	ND	0.20						
PCBs, Total	ND	0.20						
<i>Surr: Decachlorobiphenyl</i>	0.124	0	0.208	0	59.6	30-150	0	
<i>Surr: Tetrachloro-m-xylene</i>	0.1808	0	0.208	0	86.9	50-150	0	

LCS Sample ID: PLCSW1-181939-181939			Units: µg/L		Analysis Date: 8/15/2021 07:40 PM			
Client ID:		Run ID: GC14_210815A		SeqNo: 7668915		Prep Date: 8/13/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual
Aroclor 1016	4.394	0.20	4.17	0	105	50-150	0	
Aroclor 1260	4.145	0.20	4.17	0	99.4	50-150	0	
<i>Surr: Decachlorobiphenyl</i>	0.1962	0	0.208	0	94.3	30-150	0	
<i>Surr: Tetrachloro-m-xylene</i>	0.1813	0	0.208	0	87.2	50-150	0	

LCSD Sample ID: PLCSDW1-181939-181939			Units: µg/L		Analysis Date: 8/15/2021 07:54 PM			
Client ID:		Run ID: GC14_210815A		SeqNo: 7668916		Prep Date: 8/13/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit Qual
Aroclor 1016	4.654	0.20	4.17	0	112	50-150	4.394	5.73 50
Aroclor 1260	4.233	0.20	4.17	0	102	50-150	4.145	2.1 50
<i>Surr: Decachlorobiphenyl</i>	0.1995	0	0.208	0	95.9	30-150	0.1962	1.68 50
<i>Surr: Tetrachloro-m-xylene</i>	0.1937	0	0.208	0	93.1	50-150	0.1813	6.58 50

The following samples were analyzed in this batch: 21081140-01B

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **182345** Instrument ID **GC14** Method: **SW8082**

MBLK			Sample ID: PBLKO1-182345-182345			Units: mg/Kg		Analysis Date: 8/20/2021 12:50 PM		
Client ID:		Run ID: GC14_210820A		SeqNo: 7683881		Prep Date: 8/20/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.10								
Aroclor 1221	ND	0.10								
Aroclor 1232	ND	0.10								
Aroclor 1242	ND	0.10								
Aroclor 1248	ND	0.10								
Aroclor 1254	ND	0.10								
Aroclor 1260	ND	0.10								
Aroclor 1262	ND	0.10								
Aroclor 1268	ND	0.10								
PCBs, Total	ND	0.10								
<i>Surr: Decachlorobiphenyl</i>	0.1221	0	0.1	0	122	50-150	0	0		
<i>Surr: Tetrachloro-m-xylene</i>	0.1034	0	0.1	0	103	50-150	0	0		

LCS			Sample ID: PLCSO1-182345-182345			Units: mg/Kg		Analysis Date: 8/20/2021 01:04 PM		
Client ID:		Run ID: GC14_210820A		SeqNo: 7683882		Prep Date: 8/20/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	5.54	0.10	5	0	111	50-130	0	0		
Aroclor 1260	5.964	0.10	5	0	119	50-130	0	0		
<i>Surr: Decachlorobiphenyl</i>	0.1197	0	0.1	0	120	50-150	0	0		
<i>Surr: Tetrachloro-m-xylene</i>	0.1089	0	0.1	0	109	50-150	0	0		

LCSD			Sample ID: PLCSD01-182345-182345			Units: mg/Kg		Analysis Date: 8/20/2021 01:18 PM		
Client ID:		Run ID: GC14_210820A		SeqNo: 7683883		Prep Date: 8/20/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	5.195	0.10	5	0	104	50-130	5.54	6.43	50	
Aroclor 1260	5.683	0.10	5	0	114	50-130	5.964	4.82	50	
<i>Surr: Decachlorobiphenyl</i>	0.1141	0	0.1	0	114	50-150	0.1197	4.79	50	
<i>Surr: Tetrachloro-m-xylene</i>	0.1022	0	0.1	0	102	50-150	0.1089	6.35	50	

The following samples were analyzed in this batch: 21081140-02D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **182034** Instrument ID **HG4** Method: **SW7470A**

MLK				Sample ID: MLK-182034-182034		Units: mg/L		Analysis Date: 8/16/2021 02:27 PM			
Client ID:		Run ID: HG4_210816A		SeqNo: 7669471		Prep Date: 8/16/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury		ND	0.00020								
LCS				Sample ID: LCS-182034-182034		Units: mg/L		Analysis Date: 8/16/2021 02:29 PM			
Client ID:		Run ID: HG4_210816A		SeqNo: 7669472		Prep Date: 8/16/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury		0.002385	0.00020	0.002	0	119	80-120	0			
MS				Sample ID: 21081004-01AMS		Units: mg/L		Analysis Date: 8/16/2021 02:50 PM			
Client ID:		Run ID: HG4_210816A		SeqNo: 7669484		Prep Date: 8/16/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury		0.02355	0.0020	0.02	0.00048	115	75-125	0			
MSD				Sample ID: 21081004-01AMSD		Units: mg/L		Analysis Date: 8/16/2021 02:52 PM			
Client ID:		Run ID: HG4_210816A		SeqNo: 7669485		Prep Date: 8/16/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury		0.0213	0.0020	0.02	0.00048	104	75-125	0.02355	10	20	

The following samples were analyzed in this batch:

21081140-01C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **181984** Instrument ID **ICPMS3** Method: **SW6020B**

MLK				Sample ID: MLK-181984-181984		Units: mg/L		Analysis Date: 8/16/2021 04:47 PM		
Client ID:		Run ID: ICPMS3_210816A		SeqNo: 7669573		Prep Date: 8/16/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Cadmium	ND	0.0020								
Chromium	ND	0.0050								
Lead	ND	0.0050								
Selenium	ND	0.0050								
Silver	ND	0.0050								

LCS				Sample ID: LCS-181984-181984		Units: mg/L		Analysis Date: 8/16/2021 04:49 PM		
Client ID:		Run ID: ICPMS3_210816A		SeqNo: 7669574		Prep Date: 8/16/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.102	0.0050	0.1	0	102	80-120	0	0		
Barium	0.1007	0.0050	0.1	0	101	80-120	0	0		
Cadmium	0.1019	0.0020	0.1	0	102	80-120	0	0		
Chromium	0.1008	0.0050	0.1	0	101	80-120	0	0		
Lead	0.09893	0.0050	0.1	0	98.9	80-120	0	0		
Selenium	0.1022	0.0050	0.1	0	102	80-120	0	0		
Silver	0.09588	0.0050	0.1	0	95.9	80-120	0	0		

MS				Sample ID: 21081081-02CMS		Units: mg/L		Analysis Date: 8/16/2021 04:55 PM		
Client ID:		Run ID: ICPMS3_210816A		SeqNo: 7669578		Prep Date: 8/16/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1015	0.0050	0.1	0.000267	101	75-125	0	0		
Barium	0.2988	0.0050	0.1	0.1971	102	75-125	0	0		
Cadmium	0.09998	0.0020	0.1	0.000073	99.9	75-125	0	0		
Chromium	0.1001	0.0050	0.1	0.00015	99.9	75-125	0	0		
Lead	0.1007	0.0050	0.1	0.000049	101	75-125	0	0		
Selenium	0.1047	0.0050	0.1	-0.000329	105	75-125	0	0		
Silver	0.09359	0.0050	0.1	0.000002	93.6	75-125	0	0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **181984** Instrument ID **ICPMS3** Method: **SW6020B**

MSD				Sample ID: 21081081-02CMSD			Units: mg/L		Analysis Date: 8/16/2021 05:00 PM		
Client ID:		Run ID: ICPMS3_210816A		SeqNo: 7669581		Prep Date: 8/16/2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	0.09915	0.0050	0.1	0.000267	98.9	75-125	0.1015	2.36	20		
Barium	0.2948	0.0050	0.1	0.1971	97.7	75-125	0.2988	1.36	20		
Cadmium	0.09946	0.0020	0.1	0.000073	99.4	75-125	0.09998	0.513	20		
Chromium	0.09832	0.0050	0.1	0.00015	98.2	75-125	0.1001	1.79	20		
Lead	0.09922	0.0050	0.1	0.000049	99.2	75-125	0.1007	1.51	20		
Selenium	0.1001	0.0050	0.1	-0.000329	100	75-125	0.1047	4.46	20		
Silver	0.09284	0.0050	0.1	0.000002	92.8	75-125	0.09359	0.801	20		

The following samples were analyzed in this batch: | 21081140-01C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **182099** Instrument ID **SVMS8** Method: **SW846 8270D**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control	RPD Ref Value	%RPD	RPD Limit	Qual
						Limit				
1,1'-Biphenyl	ND		5.0							
2,4,5-Trichlorophenol	ND		5.0							
2,4,6-Trichlorophenol	ND		5.0							
2,4-Dichlorophenol	ND		5.0							
2,4-Dimethylphenol	ND		5.0							
2,4-Dinitrophenol	ND		5.0							
2,4-Dinitrotoluene	ND		5.0							
2,6-Dinitrotoluene	ND		5.0							
2-Chloronaphthalene	ND		5.0							
2-Chlorophenol	ND		5.0							
2-Methylnaphthalene	ND		5.0							
2-Methylphenol	ND		5.0							
2-Nitroaniline	ND		5.0							
2-Nitrophenol	ND		5.0							
3&4-Methylphenol	ND		5.0							
3,3'-Dichlorobenzidine	ND		5.0							
3-Nitroaniline	ND		5.0							
4,6-Dinitro-2-methylphenol	ND		5.0							
4-Bromophenyl phenyl ether	ND		5.0							
4-Chloro-3-methylphenol	ND		5.0							
4-Chloroaniline	ND		5.0							
4-Chlorophenyl phenyl ether	ND		5.0							
4-Nitroaniline	ND		5.0							
4-Nitrophenol	ND		5.0							
Acenaphthene	ND		5.0							
Acenaphthylene	ND		5.0							
Acetophenone	ND		1.0							
Anthracene	ND		5.0							
Atrazine	ND		1.0							
Benzaldehyde	ND		1.0							
Benzo(a)anthracene	ND		5.0							
Benzo(a)pyrene	ND		5.0							
Benzo(b)fluoranthene	ND		5.0							
Benzo(g,h,i)perylene	ND		5.0							
Benzo(k)fluoranthene	ND		5.0							
Bis(2-chloroethoxy)methane	ND		5.0							
Bis(2-chloroethyl)ether	ND		5.0							
Bis(2-chloroisopropyl)ether	ND		5.0							
Bis(2-ethylhexyl)phthalate	ND		5.0							
Butyl benzyl phthalate	ND		5.0							
Caprolactam	ND		10							
Carbazole	ND		5.0							

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: 182099	Instrument ID SVMS8	Method: SW846 8270D					
Chrysene	ND	5.0					
Dibenzo(a,h)anthracene	ND	5.0					
Dibenzofuran	ND	5.0					
Diethyl phthalate	ND	5.0					
Dimethyl phthalate	ND	5.0					
Di-n-butyl phthalate	ND	5.0					
Di-n-octyl phthalate	ND	5.0					
Fluoranthene	ND	5.0					
Fluorene	ND	5.0					
Hexachlorobenzene	ND	5.0					
Hexachlorobutadiene	ND	5.0					
Hexachlorocyclopentadiene	ND	5.0					
Hexachloroethane	ND	5.0					
Indeno(1,2,3-cd)pyrene	ND	5.0					
Isophorone	ND	5.0					
Naphthalene	ND	5.0					
Nitrobenzene	ND	5.0					
N-Nitrosodi-n-propylamine	ND	5.0					
N-Nitrosodiphenylamine	ND	5.0					
Pentachlorophenol	ND	5.0					
Phenanthere	ND	5.0					
Phenol	ND	5.0					
Pyrene	ND	5.0					
<i>Surr: 2,4,6-Tribromophenol</i>	39.1	0	50	0	78.2	27-83	0
<i>Surr: 2-Fluorobiphenyl</i>	37.6	0	50	0	75.2	26-79	0
<i>Surr: 2-Fluorophenol</i>	24.6	0	50	0	49.2	13-56	0
<i>Surr: 4-Terphenyl-d14</i>	41.98	0	50	0	84	43-106	0
<i>Surr: Nitrobenzene-d5</i>	37.47	0	50	0	74.9	29-80	0
<i>Surr: Phenol-d6</i>	16.11	0	50	0	32.2	10-35	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **182099** Instrument ID **SVMS8** Method: **SW846 8270D**

LCS	Sample ID: SLCSW1-182099-182099			Units: µg/L		Analysis Date: 8/17/2021 11:44 PM			
Client ID:	Run ID: SVMS8_210817A		SeqNo: 7675201		Prep Date: 8/17/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	Qual
1,1'-Biphenyl	14.78	5.0	20	0	73.9	40-85	0	0	
2,4,5-Trichlorophenol	15.66	5.0	20	0	78.3	47-84	0	0	
2,4,6-Trichlorophenol	14.6	5.0	20	0	73	45-83	0	0	
2,4-Dichlorophenol	15.48	5.0	20	0	77.4	39-84	0	0	
2,4-Dimethylphenol	14.16	5.0	20	0	70.8	34-79	0	0	
2,4-Dinitrophenol	13.37	5.0	20	0	66.8	11-117	0	0	
2,4-Dinitrotoluene	14.76	5.0	20	0	73.8	54-93	0	0	
2,6-Dinitrotoluene	14.98	5.0	20	0	74.9	51-90	0	0	
2-Chloronaphthalene	14.42	5.0	20	0	72.1	37-84	0	0	
2-Chlorophenol	14.32	5.0	20	0	71.6	38-83	0	0	
2-Methylnaphthalene	14.17	5.0	20	0	70.8	33-85	0	0	
2-Methylphenol	13.75	5.0	20	0	68.8	29-76	0	0	
2-Nitroaniline	15.2	5.0	20	0	76	45-94	0	0	
2-Nitrophenol	14.82	5.0	20	0	74.1	41-84	0	0	
3&4-Methylphenol	13.19	5.0	20	0	66	24-70	0	0	
3,3'-Dichlorobenzidine	13.99	5.0	20	0	70	39-96	0	0	
3-Nitroaniline	15.17	5.0	20	0	75.8	50-93	0	0	
4,6-Dinitro-2-methylphenol	14.55	5.0	20	0	72.8	23-116	0	0	
4-Bromophenyl phenyl ether	16.04	5.0	20	0	80.2	51-93	0	0	
4-Chloro-3-methylphenol	15.38	5.0	20	0	76.9	41-86	0	0	
4-Chloroaniline	15.54	5.0	20	0	77.7	44-92	0	0	
4-Chlorophenyl phenyl ether	14.97	5.0	20	0	74.8	49-89	0	0	
4-Nitroaniline	14.55	5.0	20	0	72.8	47-98	0	0	
4-Nitrophenol	7.27	5.0	20	0	36.4	10-43	0	0	
Acenaphthene	14.84	5.0	20	0	74.2	42-85	0	0	
Acenaphthylene	14.42	5.0	20	0	72.1	42-88	0	0	
Acetophenone	15.03	1.0	20	0	75.2	39-91	0	0	
Anthracene	15.65	5.0	20	0	78.2	55-93	0	0	
Atrazine	15.59	1.0	20	0	78	52-100	0	0	
Benzaldehyde	14.91	1.0	20	0	74.6	42-110	0	0	
Benzo(a)anthracene	15.61	5.0	20	0	78	56-91	0	0	
Benzo(a)pyrene	15.78	5.0	20	0	78.9	55-96	0	0	
Benzo(b)fluoranthene	16.14	5.0	20	0	80.7	55-99	0	0	
Benzo(g,h,i)perylene	15.33	5.0	20	0	76.6	44-102	0	0	
Benzo(k)fluoranthene	16.66	5.0	20	0	83.3	57-96	0	0	
Bis(2-chloroethoxy)methane	15.3	5.0	20	0	76.5	39-88	0	0	
Bis(2-chloroethyl)ether	14.57	5.0	20	0	72.8	36-91	0	0	
Bis(2-chloroisopropyl)ether	14.28	5.0	20	0	71.4	33-83	0	0	
Bis(2-ethylhexyl)phthalate	15.31	5.0	20	0	76.6	39-113	0	0	
Butyl benzyl phthalate	14.79	5.0	20	0	74	49-97	0	0	
Carbazole	15.73	5.0	20	0	78.6	59-92	0	0	
Chrysene	15.93	5.0	20	0	79.6	55-92	0	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: 182099	Instrument ID SVMS8	Method: SW846 8270D					
Dibenzo(a,h)anthracene	15.75	5.0	20	0	78.8	47-100	0
Dibenzofuran	15.21	5.0	20	0	76	44-89	0
Diethyl phthalate	15.09	5.0	20	0	75.4	54-95	0
Dimethyl phthalate	15.25	5.0	20	0	76.2	51-92	0
Di-n-butyl phthalate	15.55	5.0	20	0	77.8	57-98	0
Di-n-octyl phthalate	15.53	5.0	20	0	77.6	36-117	0
Fluoranthene	15.33	5.0	20	0	76.6	59-93	0
Fluorene	14.75	5.0	20	0	73.8	47-91	0
Hexachlorobenzene	15.67	5.0	20	0	78.4	53-89	0
Hexachlorobutadiene	13.71	5.0	20	0	68.6	11-83	0
Hexachlorocyclopentadiene	10.8	5.0	20	0	54	14-75	0
Hexachloroethane	13.7	5.0	20	0	68.5	10-85	0
Indeno(1,2,3-cd)pyrene	15.29	5.0	20	0	76.4	46-102	0
Isophorone	15.16	5.0	20	0	75.8	42-90	0
Naphthalene	14.16	5.0	20	0	70.8	26-78	0
Nitrobenzene	15	5.0	20	0	75	38-86	0
N-Nitrosodi-n-propylamine	15.19	5.0	20	0	76	39-95	0
N-Nitrosodiphenylamine	16.31	5.0	20	0	81.6	47-94	0
Pentachlorophenol	15.04	5.0	20	0	75.2	37-94	0
Phenanthere	15.63	5.0	20	0	78.2	51-90	0
Phenol	7.17	5.0	20	0	35.8	10-40	0
Pyrene	16.25	5.0	20	0	81.2	48-98	0
Surr: 2,4,6-Tribromophenol	39.94	0	50	0	79.9	27-83	0
Surr: 2-Fluorobiphenyl	34.09	0	50	0	68.2	26-79	0
Surr: 2-Fluorophenol	25.35	0	50	0	50.7	13-56	0
Surr: 4-Terphenyl-d14	40.64	0	50	0	81.3	43-106	0
Surr: Nitrobenzene-d5	35.93	0	50	0	71.9	29-80	0
Surr: Phenol-d6	17.46	0	50	0	34.9	10-35	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **182099** Instrument ID **SVMS8** Method: **SW846 8270D**

LCSD		Sample ID: SLCSDW1-182099-182099			Units: µg/L		Analysis Date: 8/18/2021 12:05 AM			
Client ID:		Run ID: SVMS8_210817A		SeqNo: 7675202		Prep Date: 8/17/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	8.4	5.0	20	0	42	40-85	14.78	55	30	R
2,4,5-Trichlorophenol	13.59	5.0	20	0	68	47-84	15.66	14.2	30	
2,4,6-Trichlorophenol	12.12	5.0	20	0	60.6	45-83	14.6	18.6	30	
2,4-Dichlorophenol	13.12	5.0	20	0	65.6	39-84	15.48	16.5	30	
2,4-Dimethylphenol	12.33	5.0	20	0	61.6	34-79	14.16	13.8	30	
2,4-Dinitrophenol	11.25	5.0	20	0	56.2	11-117	13.37	17.2	30	
2,4-Dinitrotoluene	12.67	5.0	20	0	63.4	54-93	14.76	15.2	30	
2,6-Dinitrotoluene	12.84	5.0	20	0	64.2	51-90	14.98	15.4	30	
2-Chloronaphthalene	7.81	5.0	20	0	39	37-84	14.42	59.5	30	R
2-Chlorophenol	12.49	5.0	20	0	62.4	38-83	14.32	13.7	30	
2-Methylnaphthalene	6.15	5.0	20	0	30.8	33-85	14.17	78.9	30	SR
2-Methylphenol	12.2	5.0	20	0	61	29-76	13.75	11.9	30	
2-Nitroaniline	12.91	5.0	20	0	64.6	45-94	15.2	16.3	30	
2-Nitrophenol	11.77	5.0	20	0	58.8	41-84	14.82	22.9	30	
3&4-Methylphenol	11.61	5.0	20	0	58	24-70	13.19	12.7	30	
3,3'-Dichlorobenzidine	11.89	5.0	20	0	59.4	39-96	13.99	16.2	30	
3-Nitroaniline	14.39	5.0	20	0	72	50-93	15.17	5.28	30	
4,6-Dinitro-2-methylphenol	12.79	5.0	20	0	64	23-116	14.55	12.9	30	
4-Bromophenyl phenyl ether	13.21	5.0	20	0	66	51-93	16.04	19.4	30	
4-Chloro-3-methylphenol	13.51	5.0	20	0	67.6	41-86	15.38	12.9	30	
4-Chloroaniline	14.62	5.0	20	0	73.1	44-92	15.54	6.1	30	
4-Chlorophenyl phenyl ether	11.56	5.0	20	0	57.8	49-89	14.97	25.7	30	
4-Nitroaniline	13.35	5.0	20	0	66.8	47-98	14.55	8.6	30	
4-Nitrophenol	6.42	5.0	20	0	32.1	10-43	7.27	12.4	30	
Acenaphthene	10.19	5.0	20	0	51	42-85	14.84	37.2	30	R
Acenaphthylene	10.3	5.0	20	0	51.5	42-88	14.42	33.3	30	R
Acetophenone	13.13	1.0	20	0	65.6	39-91	15.03	13.5	30	
Anthracene	13.04	5.0	20	0	65.2	55-93	15.65	18.2	30	
Atrazine	13.43	1.0	20	0	67.2	52-100	15.59	14.9	30	
Benzaldehyde	12.13	1.0	20	0	60.6	42-110	14.91	20.6	30	
Benzo(a)anthracene	13.26	5.0	20	0	66.3	56-91	15.61	16.3	30	
Benzo(a)pyrene	13.41	5.0	20	0	67	55-96	15.78	16.2	30	
Benzo(b)fluoranthene	13.44	5.0	20	0	67.2	55-99	16.14	18.3	30	
Benzo(g,h,i)perylene	13.22	5.0	20	0	66.1	44-102	15.33	14.8	30	
Benzo(k)fluoranthene	13.83	5.0	20	0	69.2	57-96	16.66	18.6	30	
Bis(2-chloroethoxy)methane	12.93	5.0	20	0	64.6	39-88	15.3	16.8	30	
Bis(2-chloroethyl)ether	12.43	5.0	20	0	62.2	36-91	14.57	15.9	30	
Bis(2-chloroisopropyl)ether	10.98	5.0	20	0	54.9	33-83	14.28	26.1	30	
Bis(2-ethylhexyl)phthalate	12.53	5.0	20	0	62.6	39-113	15.31	20	30	
Butyl benzyl phthalate	12.82	5.0	20	0	64.1	49-97	14.79	14.3	30	
Carbazole	13.44	5.0	20	0	67.2	59-92	15.73	15.7	30	
Chrysene	13.37	5.0	20	0	66.8	55-92	15.93	17.5	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: 182099	Instrument ID SVMS8	Method: SW846 8270D							
Dibenzo(a,h)anthracene	13.28	5.0	20	0	66.4	47-100	15.75	17	30
Dibenzofuran	11.11	5.0	20	0	55.6	44-89	15.21	31.2	30
Diethyl phthalate	13.19	5.0	20	0	66	54-95	15.09	13.4	30
Dimethyl phthalate	12.88	5.0	20	0	64.4	51-92	15.25	16.9	30
Di-n-butyl phthalate	13.25	5.0	20	0	66.2	57-98	15.55	16	30
Di-n-octyl phthalate	12.9	5.0	20	0	64.5	36-117	15.53	18.5	30
Fluoranthene	12.99	5.0	20	0	65	59-93	15.33	16.5	30
Fluorene	11.77	5.0	20	0	58.8	47-91	14.75	22.5	30
Hexachlorobenzene	13.13	5.0	20	0	65.6	53-89	15.67	17.6	30
Hexachlorobutadiene	1.28	5.0	20	0	6.4	11-83	13.71	0	30
Hexachlorocyclopentadiene	1.8	5.0	20	0	9	14-75	10.8	0	30
Hexachloroethane	1.75	5.0	20	0	8.75	10-85	13.7	0	30
Indeno(1,2,3-cd)pyrene	12.97	5.0	20	0	64.8	46-102	15.29	16.4	30
Isophorone	12.66	5.0	20	0	63.3	42-90	15.16	18	30
Naphthalene	6.79	5.0	20	0	34	26-78	14.16	70.4	30
Nitrobenzene	12.27	5.0	20	0	61.4	38-86	15	20	30
N-Nitrosodi-n-propylamine	13.36	5.0	20	0	66.8	39-95	15.19	12.8	30
N-Nitrosodiphenylamine	13.31	5.0	20	0	66.6	47-94	16.31	20.3	30
Pentachlorophenol	13.09	5.0	20	0	65.4	37-94	15.04	13.9	30
Phenanthere	13.04	5.0	20	0	65.2	51-90	15.63	18.1	30
Phenol	6.25	5.0	20	0	31.2	10-40	7.17	13.7	30
Pyrene	13.54	5.0	20	0	67.7	48-98	16.25	18.2	30
Surr: 2,4,6-Tribromophenol	34.44	0	50	0	68.9	27-83	39.94	14.8	40
Surr: 2-Fluorobiphenyl	27.35	0	50	0	54.7	26-79	34.09	21.9	40
Surr: 2-Fluorophenol	22.42	0	50	0	44.8	13-56	25.35	12.3	40
Surr: 4-Terphenyl-d14	35.93	0	50	0	71.9	43-106	40.64	12.3	40
Surr: Nitrobenzene-d5	29.21	0	50	0	58.4	29-80	35.93	20.6	40
Surr: Phenol-d6	15.31	0	50	0	30.6	10-35	17.46	13.1	40

The following samples were analyzed in this batch:

21081140-01D

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

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Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **R324452d** Instrument ID **VMS11** Method: **SW8260C**

MBLK	Sample ID: 11V-BLKW1-210816-R324452d			Units: µg/L		Analysis Date: 8/16/2021 02:24 PM			
Client ID:	Run ID: VMS11_210816A		SeqNo: 7670575		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit	Qual
1,1,1-Trichloroethane	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	1.0							
1,1,2-Trichloroethane	ND	1.0							
1,1,2-Trichlorotrifluoroethane	ND	1.0							
1,1-Dichloroethane	ND	1.0							
1,1-Dichloroethene	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
1,2-Dibromo-3-chloropropane	ND	1.0							
1,2-Dibromoethane	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
1,2-Dichloropropane	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
2-Butanone	ND	5.0							
2-Hexanone	ND	5.0							
4-Methyl-2-pentanone	ND	1.0							
Acetone	ND	10							
Benzene	ND	1.0							
Bromodichloromethane	ND	1.0							
Bromoform	ND	1.0							
Bromomethane	ND	1.0							
Carbon disulfide	ND	1.0							
Carbon tetrachloride	ND	1.0							
Chlorobenzene	ND	1.0							
Chloroethane	ND	1.0							
Chloroform	ND	1.0							
Chloromethane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
cis-1,3-Dichloropropene	ND	1.0							
Cyclohexane	ND	2.0							
Dibromochloromethane	ND	1.0							
Dichlorodifluoromethane	ND	1.0							
Ethylbenzene	ND	1.0							
Isopropylbenzene	ND	1.0							
Methyl acetate	ND	2.0							
Methyl tert-butyl ether	ND	1.0							
Methylcyclohexane	ND	1.0							
Methylene chloride	ND	5.0							
Styrene	ND	1.0							
Tetrachloroethene	ND	1.0							
Toluene	ND	1.0							

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

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Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: R324452d	Instrument ID VMS11	Method: SW8260C					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl chloride	ND	1.0					
Xylenes, Total	ND	3.0					
<i>Surr: 1,2-Dichloroethane-d4</i>	19.23	0	20	0	96.2	75-120	0
<i>Surr: 4-Bromofluorobenzene</i>	19.48	0	20	0	97.4	80-110	0
<i>Surr: Dibromofluoromethane</i>	19.29	0	20	0	96.4	85-115	0
<i>Surr: Toluene-d8</i>	19.55	0	20	0	97.8	85-110	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

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Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **R324452d** Instrument ID **VMS11** Method: **SW8260C**

LCS	Sample ID: 11V-LCSW1-210816-R324452d			Units: µg/L		Analysis Date: 8/16/2021 01:17 PM				
Client ID:	Run ID: VMS11_210816A			SeqNo: 7670573		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	17.47	1.0	20	0	87.4	75-130		0		
1,1,2,2-Tetrachloroethane	18.03	1.0	20	0	90.2	75-130		0		
1,1,2-Trichloroethane	17.59	1.0	20	0	88	75-125		0		
1,1-Dichloroethane	18	1.0	20	0	90	68-142		0		
1,1-Dichloroethene	18.58	1.0	20	0	92.9	70-145		0		
1,2,4-Trichlorobenzene	19.45	1.0	20	0	97.2	70-135		0		
1,2-Dibromo-3-chloropropane	17.3	1.0	20	0	86.5	60-130		0		
1,2-Dibromoethane	17.97	1.0	20	0	89.8	67-155		0		
1,2-Dichlorobenzene	18.38	1.0	20	0	91.9	70-130		0		
1,2-Dichloroethane	17.63	1.0	20	0	88.2	78-125		0		
1,2-Dichloropropane	17.05	1.0	20	0	85.2	75-125		0		
1,3-Dichlorobenzene	18.69	1.0	20	0	93.4	75-130		0		
1,4-Dichlorobenzene	18.53	1.0	20	0	92.6	75-130		0		
2-Butanone	20.78	5.0	20	0	104	55-150		0		
2-Hexanone	18.92	5.0	20	0	94.6	60-135		0		
4-Methyl-2-pentanone	19.66	1.0	20	0	98.3	77-178		0		
Acetone	19.96	10	20	0	99.8	60-160		0		
Benzene	17.3	1.0	20	0	86.5	70-130		0		
Bromodichloromethane	17.05	1.0	20	0	85.2	75-125		0		
Bromoform	15.72	1.0	20	0	78.6	60-125		0		
Bromomethane	19.18	1.0	20	0	95.9	30-185		0		
Carbon disulfide	18.56	1.0	20	0	92.8	60-165		0		
Carbon tetrachloride	17.69	1.0	20	0	88.4	65-140		0		
Chlorobenzene	17.45	1.0	20	0	87.2	80-120		0		
Chloroethane	15.03	1.0	20	0	75.2	31-172		0		
Chloroform	16.92	1.0	20	0	84.6	66-135		0		
Chloromethane	15.82	1.0	20	0	79.1	46-148		0		
cis-1,2-Dichloroethene	18.24	1.0	20	0	91.2	75-134		0		
cis-1,3-Dichloropropene	16.35	1.0	20	0	81.8	70-130		0		
Dibromochloromethane	15.55	1.0	20	0	77.8	60-115		0		
Dichlorodifluoromethane	16.26	1.0	20	0	81.3	10-180		0		
Ethylbenzene	17.52	1.0	20	0	87.6	76-123		0		
Isopropylbenzene	17.86	1.0	20	0	89.3	80-127		0		
Methyl tert-butyl ether	17.95	1.0	20	0	89.8	68-129		0		
Methylene chloride	18.83	5.0	20	0	94.2	72-125		0		
Styrene	17.66	1.0	20	0	88.3	79-117		0		
Tetrachloroethene	18.5	1.0	20	0	92.5	68-166		0		
Toluene	17.4	1.0	20	0	87	76-125		0		
trans-1,2-Dichloroethene	17.87	1.0	20	0	89.4	80-140		0		
trans-1,3-Dichloropropene	17.11	1.0	20	0	85.6	56-132		0		
Trichloroethene	17.7	1.0	20	0	88.5	77-125		0		
Trichlorofluoromethane	16.09	1.0	20	0	80.4	60-140		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: R324452d	Instrument ID VMS11	Method: SW8260C					
Vinyl chloride	15.75	1.0	20	0	78.8	50-136	0
Xlenes, Total	52.74	3.0	60	0	87.9	76-127	0
<i>Surr: 1,2-Dichloroethane-d4</i>	18.59	0	20	0	93	75-120	0
<i>Surr: 4-Bromofluorobenzene</i>	20.1	0	20	0	100	80-110	0
<i>Surr: Dibromofluoromethane</i>	18.56	0	20	0	92.8	85-115	0
<i>Surr: Toluene-d8</i>	19.65	0	20	0	98.2	85-110	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **R324452d** Instrument ID **VMS11** Method: **SW8260C**

MS	Sample ID: 21081211-06A MS			Units: µg/L		Analysis Date: 8/16/2021 10:32 PM			
Client ID:	Run ID: VMS11_210816A		SeqNo: 7670597		Prep Date:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit	Qual
1,1,1-Trichloroethane	176.7	10	200	0	88.4	75-130	0	0	
1,1,2,2-Tetrachloroethane	166.5	10	200	0	83.2	75-130	0	0	
1,1,2-Trichloroethane	174.4	10	200	0	87.2	75-125	0	0	
1,1-Dichloroethane	196.3	10	200	0	98.2	68-142	0	0	
1,1-Dichloroethene	213	10	200	0	106	70-145	0	0	
1,2,4-Trichlorobenzene	167	10	200	0	83.5	70-135	0	0	
1,2-Dibromo-3-chloropropane	122.9	10	200	0	61.4	60-130	0	0	
1,2-Dibromoethane	169.8	10	200	0	84.9	67-155	0	0	
1,2-Dichlorobenzene	173	10	200	0	86.5	70-130	0	0	
1,2-Dichloroethane	180.7	10	200	0	90.4	78-125	0	0	
1,2-Dichloropropane	179.4	10	200	0	89.7	75-125	0	0	
1,3-Dichlorobenzene	172.2	10	200	0	86.1	75-130	0	0	
1,4-Dichlorobenzene	173.5	10	200	0	86.8	75-130	0	0	
2-Butanone	220.7	50	200	0	110	55-150	0	0	
2-Hexanone	252.7	50	200	0	126	60-135	0	0	
4-Methyl-2-pentanone	228	10	200	0	114	77-178	0	0	
Acetone	525.2	100	200	7.1	259	60-160	0	0	S
Benzene	184.7	10	200	0	92.4	70-130	0	0	
Bromodichloromethane	170	10	200	0	85	75-125	0	0	
Bromoform	129.4	10	200	3.4	63	60-125	0	0	
Bromomethane	134.8	10	200	0	67.4	30-185	0	0	
Carbon disulfide	221.6	10	200	0	111	60-165	0	0	
Carbon tetrachloride	167.3	10	200	0	83.6	65-140	0	0	
Chlorobenzene	166.4	10	200	0	83.2	80-120	0	0	
Chloroethane	192.8	10	200	0	96.4	31-172	0	0	
Chloroform	187.8	10	200	0	93.9	66-135	0	0	
Chloromethane	201.2	10	200	0	101	46-148	0	0	
cis-1,2-Dichloroethene	194.4	10	200	0	97.2	75-134	0	0	
cis-1,3-Dichloropropene	156.6	10	200	0	78.3	70-130	0	0	
Dibromochloromethane	144.1	10	200	7.3	68.4	60-115	0	0	
Dichlorodifluoromethane	201.8	10	200	0	101	10-180	0	0	
Ethylbenzene	169.5	10	200	0	84.8	76-123	0	0	
Isopropylbenzene	166	10	200	0	83	80-127	0	0	
Methyl tert-butyl ether	190.3	10	200	0	95.2	68-129	0	0	
Methylene chloride	226.6	50	200	22.5	102	72-125	0	0	
Styrene	168.9	10	200	0	84.4	79-117	0	0	
Tetrachloroethene	234.2	10	200	0	117	68-166	0	0	
Toluene	170.1	10	200	0	85	76-125	0	0	
trans-1,2-Dichloroethene	208.5	10	200	0	104	80-140	0	0	
trans-1,3-Dichloropropene	144.2	10	200	0	72.1	56-132	0	0	
Trichloroethene	182.9	10	200	0	91.4	77-125	0	0	
Trichlorofluoromethane	190.2	10	200	0	95.1	60-140	0	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: R324452d	Instrument ID VMS11	Method: SW8260C					
Vinyl chloride	194.7	10	200	0	97.4	50-136	0
Xylenes, Total	504.3	30	600	0	84	76-127	0
<i>Surr: 1,2-Dichloroethane-d4</i>	199.5	0	200	0	99.8	75-120	0
<i>Surr: 4-Bromofluorobenzene</i>	206.1	0	200	0	103	80-110	0
<i>Surr: Dibromofluoromethane</i>	187.2	0	200	0	93.6	85-115	0
<i>Surr: Toluene-d8</i>	194.8	0	200	0	97.4	85-110	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: **R324452d** Instrument ID **VMS11** Method: **SW8260C**

MSD		Sample ID: 21081211-06A MSD			Units: µg/L		Analysis Date: 8/16/2021 10:54 PM			
Client ID:		Run ID: VMS11_210816A			SeqNo: 7670598		Prep Date:		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	179.1	10	200	0	89.6	75-130	176.7	1.35	30	
1,1,2,2-Tetrachloroethane	159.4	10	200	0	79.7	75-130	166.5	4.36	30	
1,1,2-Trichloroethane	168.5	10	200	0	84.2	75-125	174.4	3.44	30	
1,1-Dichloroethane	197.3	10	200	0	98.6	68-142	196.3	0.508	30	
1,1-Dichloroethene	211.7	10	200	0	106	70-145	213	0.612	30	
1,2,4-Trichlorobenzene	158.2	10	200	0	79.1	70-135	167	5.41	30	
1,2-Dibromo-3-chloropropane	129.2	10	200	0	64.6	60-130	122.9	5	30	
1,2-Dibromoethane	168.4	10	200	0	84.2	67-155	169.8	0.828	30	
1,2-Dichlorobenzene	156.6	10	200	0	78.3	70-130	173	9.95	30	
1,2-Dichloroethane	180.2	10	200	0	90.1	78-125	180.7	0.277	30	
1,2-Dichloropropane	170.9	10	200	0	85.4	75-125	179.4	4.85	30	
1,3-Dichlorobenzene	162.5	10	200	0	81.2	75-130	172.2	5.8	30	
1,4-Dichlorobenzene	160.6	10	200	0	80.3	75-130	173.5	7.72	30	
2-Butanone	283.9	50	200	0	142	55-150	220.7	25	30	
2-Hexanone	247.7	50	200	0	124	60-135	252.7	2	30	
4-Methyl-2-pentanone	230.1	10	200	0	115	77-178	228	0.917	30	
Acetone	540.7	100	200	7.1	267	60-160	525.2	2.91	30	S
Benzene	181.2	10	200	0	90.6	70-130	184.7	1.91	30	
Bromodichloromethane	169	10	200	0	84.5	75-125	170	0.59	30	
Bromoform	127.6	10	200	3.4	62.1	60-125	129.4	1.4	30	
Bromomethane	179.6	10	200	0	89.8	30-185	134.8	28.5	30	
Carbon disulfide	213	10	200	0	106	60-165	221.6	3.96	30	
Carbon tetrachloride	171.4	10	200	0	85.7	65-140	167.3	2.42	30	
Chlorobenzene	163.2	10	200	0	81.6	80-120	166.4	1.94	30	
Chloroethane	195.6	10	200	0	97.8	31-172	192.8	1.44	30	
Chloroform	187.4	10	200	0	93.7	66-135	187.8	0.213	30	
Chloromethane	195.9	10	200	0	98	46-148	201.2	2.67	30	
cis-1,2-Dichloroethene	192.5	10	200	0	96.2	75-134	194.4	0.982	30	
cis-1,3-Dichloropropene	144.2	10	200	0	72.1	70-130	156.6	8.24	30	
Dibromochloromethane	143.1	10	200	7.3	67.9	60-115	144.1	0.696	30	
Dichlorodifluoromethane	192.9	10	200	0	96.4	10-180	201.8	4.51	30	
Ethylbenzene	162.9	10	200	0	81.4	76-123	169.5	3.97	30	
Isopropylbenzene	160.6	10	200	0	80.3	80-127	166	3.31	30	
Methyl tert-butyl ether	185.2	10	200	0	92.6	68-129	190.3	2.72	30	
Methylene chloride	221.8	50	200	22.5	99.6	72-125	226.6	2.14	30	
Styrene	158	10	200	0	79	79-117	168.9	6.67	30	
Tetrachloroethene	234.9	10	200	0	117	68-166	234.2	0.298	30	
Toluene	167.6	10	200	0	83.8	76-125	170.1	1.48	30	
trans-1,2-Dichloroethene	196.7	10	200	0	98.4	80-140	208.5	5.82	30	
trans-1,3-Dichloropropene	149.3	10	200	0	74.6	56-132	144.2	3.48	30	
Trichloroethene	172	10	200	0	86	77-125	182.9	6.14	30	
Trichlorofluoromethane	178.5	10	200	0	89.2	60-140	190.2	6.35	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Environmental Quality Management, Inc.
Work Order: 21081140
Project: Julio

QC BATCH REPORT

Batch ID: R324452d	Instrument ID VMS11	Method: SW8260C							
Vinyl chloride	187.4	10	200	0	93.7	50-136	194.7	3.82	30
Xlenes, Total	493.1	30	600	0	82.2	76-127	504.3	2.25	30
<i>Surr: 1,2-Dichloroethane-d4</i>	196	0	200	0	98	75-120	199.5	1.77	30
<i>Surr: 4-Bromofluorobenzene</i>	199.8	0	200	0	99.9	80-110	206.1	3.1	30
<i>Surr: Dibromofluoromethane</i>	190	0	200	0	95	85-115	187.2	1.48	30
<i>Surr: Toluene-d8</i>	197.4	0	200	0	98.7	85-110	194.8	1.33	30

The following samples were analyzed in this batch:

21081140-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 19 of 19

Cincinnati, OH
+1 513 733 5336Fort Collins, CO
+1 970 490 1511Everett, WA
+1 425 356 2600Holland, MI
+1 616 399 6070

Chain of Custody Form

Houston, TX
+1 281 530 5656Spring City, PA
+1 610 948 4903South Charleston, WV
+1 304 356 3168Middletown, PA
+1 717 944 5541Salt Lake City, UT
+1 801 266 7700York, PA
+1 717 505 5280Page 1 of 1

COC ID: 229593

Customer Information		Project Information		Parameter/Method Request for Analysis													
Purchase Order		Project Name	Julio	A	PCB												
Work Order		Project Number	030325.0087	B	TOTAL METALS												
Company Name	Environmental Quality Management, Inc.	Bill To Company	Environmental Quality Management, Inc	C	VOC												
Send Report To		Invoice Attn	Accounts Payable	D	SVOC												
Address	1800 Carillon Blvd	Address	1800 Carillon Blvd	E													
City/State/Zip	Cincinnati, OH 45240	City/State/Zip	Cincinnati, OH 45240	F													
Phone	(513) 825-7500	Phone	(513) 825-7500	G													
Fax	(513) 825-7495	Fax	(513) 825-7495	H													
e-Mail Address		e-Mail Address		I													
J																	
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	OT-01	8-11-2021	1130	Liq		8	X	X	X	X							
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
Sampler(s) Please Print & Sign				Shipment Method		Required Turnaround Time: (Check Box)				Other		3-DAY		Results Due Date:			
<u>Bill Perna</u>				Fed X		<input type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input checked="" type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour											
Relinquished by:		Date: 8-11-21	Time: 1400	Received by:						Notes:							
<u>GD</u>				<u>FED EX</u>													
Relinquished by:		Date: 8/12/21	Time: 0830	Received by (Laboratory):						Cooler ID		Cooler Temp.		QC Package: (Check One Box Below)			
<u>FED EX</u>				<u>DL</u>						1121		3.0°C		<input type="checkbox"/> Level II Std QC <input type="checkbox"/> TRRP Checklist			
Logged by (Laboratory):		Date: 8/12/21	Time: 1530	Checked by (Laboratory):								pH 28		<input type="checkbox"/> Level III Std QC/Raw Data <input type="checkbox"/> TRRP Level IV			
<u>PES</u>				<u>GF</u>										<input type="checkbox"/> Level IV SW846/CLP <input type="checkbox"/> Other			
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035																	

- Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

Ex.
8166 6678 5102

THU - 12 AUG AA
PRIORITY OVERNIGHT

NA HLMA

49424
MI-US
GRR

<http://www.a-sglobal.com>
Custody Seal

ALS Environmental
3362 128th Avenue
Holland, Michigan 49424 3263
Phone: 616-399-6070 Date: 8/11/01
Add: Sample Receiving

ALS Group, USA

3352 128th Ave

Holland, Michigan 49424

TEL: (616) 399-6070

FAX: (616) 399-6185

BOTTLE ORDER**36333**

06-Aug-21

SHIPPED TO:Company: Environmental Quality Management, Inc.Contact: Angye DragottaAddress: 1800 Carillon BlvdCincinnati, OH 45240Phone: (513) 825-7500

eMail:

Ship By: 8/6/2021
Via: FedEx Std Overnight
Due to Client: 8/9/2021
Quote ID:
Project: Water Sample

<u>Bottle Code</u>	<u>Bottle Type</u>	<u>Bottle Lot</u>	<u>Preserve Lot</u>	<u>TEST(s)</u>	<u>QTY</u>
125MLAMGNEAT	125 mL amber glass, Neat	20021-05		PCBs	1
1LAMGNEAT	2 bottles 1-liter amber glass, Neat	20021-05		Semi-Volatile Organic Compounds	1
250PHNO3	250 mL plastic, HNO3 to pH <2	20021-05	200-00-Metals by ICP-MS	1	1
VOAHCL	40 mL VOA vial, HCl to pH <2 3 vials	20021-05	Volatile Organic Compounds	1	1
<u>Cooler ID</u>	<u>Description</u>		Trip Blank		

Notes:

Ship to:
Holiday Inn Express
COEQM Bluff Poma
1110 Century Way
Houghton, MI 49931
Phone 906-482-1066

Sample Receipt ChecklistClient Name: **EQM - CINCINNATI**Date/Time Received: **12-Aug-21 08:30**Work Order: **21081140**Received by: **DS**

Checklist completed by <i>Diane Sham</i> eSignature	12-Aug-21 Date	Reviewed by <i>Bill Carey</i> eSignature	16-Aug-21 Date
--	-------------------	---	-------------------

Matrices: **Liquid**Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<input type="text" value="3.0/3.0 c"/> <input type="text" value="IR1"/>		
Cooler(s)/Kit(s):	<input type="text"/>		
Date/Time sample(s) sent to storage:	<input type="text" value="8/12/2021 3:35:59 PM"/>		
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted by:	<input type="text"/>		

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

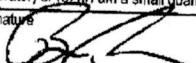
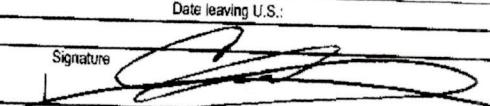
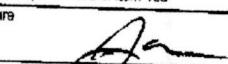
Regarding:

Comments:

CorrectiveAction:

Please print or type. Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number MIR000014142	2. Page 1 of 4	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 015791259 FLE		
5. Generator's Name and Mailing Address Julio Properties 9311 Groh Road Mail Code SE-G1 Grosse Ile, MI 48138 Generator's Phone (513) 825-7500		Generator's Site Address (if different than mailing address) 20815 Royce Rd Hancock, MI 49830					
6. Transporter 1 Company Name Clean Harbors Environmental Services, Inc.		U.S. EPA ID Number MAD039322250					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address Spring Grove Resource Recovery Inc. 4878 Spring Grove Avenue Cincinnati, OH 45232 Facility's Phone: (513) 681-5738		U.S. EPA ID Number OH D000816629					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) X UN2800, BATTERIES, WET, NON-SPILLABLE, 8, (UNIVERSAL WASTE - BATTERIES)	10. Containers No. 003 Type DM	11. Total Quantity 1,000+	12. Unit Wt./Vol. None	13. Waste Codes	
	X	2 UNQ, UN2318, POLYCHLORINATED BIPHENYLS, LIQUID, 9, PG III	005 DM	1,023 K	None		
	X	3 UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PG III	001 DM	204 K	None		
	X	4 UN2315, POLYCHLORINATED BIPHENYLS, LIQUID, 9, PG III	002 DM	77 K	None		
14. Special Handling Instructions and Additional Information 1. CER2232918 2X0171 3 X DMS55 2. CER2232920 2X0171 3 X DMS55 3. CER2232922 2X0171 3 X DMS55 4. CER2232924 2X0171 2 X DMS55 O.S.D.-09/29/21; #1259-07, #1259-02, #1259-03, #1259-04, #1259-05 Authority on initial transporter to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency, convenience, or safety.							
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 Bill Poma for USEPA							
Signature  Month 08 Day 29 Year 21							
TRANSPORTER INT'L	16. International Shipments	<input type="checkbox"/> Import to U.S.	<input type="checkbox"/> 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 Corey DeRamus							
Signature  Month 08 Day 29 Year 21							
Transporter 2 Printed/Typed Name 							
Signature  Month 08 Day 29 Year 21							
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space	<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> 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)						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. H141	2. H141	3. H141	4. H141			
	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 Jade Wolff	Signature  Month 10 Day 13 Year 21					

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

DESIGNATED FACILITY USEPA HAZARDOUS WASTE MANIFEST SYSTEM

D5 2104957467

ATTACHMENT 1

ANALYTICAL REPORTS – 042117909, 162116018, 162117694, 162117704



EMSL Analytical, Inc.

Asbestos Data Package

EMSL Order ID: 042117909

**Environmental Quality Management, Inc.
Julio Properties / 0087**

**Prepared By: EMSL Special Projects Group
Date: March 22, 2022**



EMSL ANALYTICAL, INC.

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1. Case Narrative
2. Tabulated Sample Results
3. Worksheets/Bench Sheets
4. QC Data Reports/Logs
5. Client and EMSL Internal Chains of Custody
6. Equipment Performance Checks
7. NVLAP/AIHA Certifications
8. Customer Correspondence
9. Shipping Documentation



EMSL ANALYTICAL, INC.

1. Case Narrative



EMSL ANALYTICAL, INC.

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 858-4960

March 21, 2022

Angye Dragotta
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240
adragotta@eqm.com

Re: Narrative: PCM NIOSH 7400; 042117909; Julio Properties / 0087; PO 030325.0087; Revision 1

Dear Angye:

On July 19, 2021, EMSL Analytical, Inc. in Cinnaminson, NJ received thirty-five (35) air samples for analysis of fiber concentration via PCM NIOSH 7400. All samples were received via FedEx delivery under Chain of Custody from Environmental Quality Management, Inc. in good condition. The samples were logged in according to client instructions and following normal lab procedures.

PCM NIOSH 7400 Method, Issue 3, 6/14/19

The samples were analyzed via phase contrast microscopy (PCM) using the procedures from NIOSH 7400 Method, Issue 3, 6/14/19. Fields counted can range from a minimum of 20 fields to a maximum of 100 fields. A stopping rule was applied per the NIOSH Method with termination reached upon completion of the field containing the 100th fiber with a minimum of 20 fields analyzed. If <100 fibers are counted then 100 fields were read. All fibers greater than 5.0 um in length with an aspect ratio of >3:1 were reported.

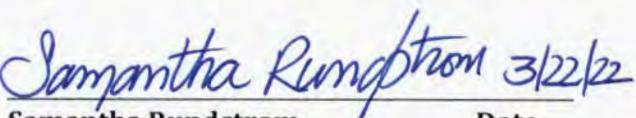
TEM NIOSH 7402 Method, Issue 2, 8/15/94

As requested by the client, samples JP-AAS-H-UW-071521, JP-AAS-H-CW1-071521, JP-AAS-H-DW-071621, and JP-AAS-H-UW-071721 were also analyzed via transmission electron microscopy (TEM) using procedures from NIOSH 7402 Method, Issue 2, 8/15/94. A minimum of 40 grid openings or 100 fibers were counted. This method is designed for use with Method 7400. Analysis was performed on a JEOL 1200 EX microscope at 10,000X. Fibers greater than 0.25 um in diameter and 5.0 um in length with an aspect ratio of > 3:1 were reported.

Quality Control Performed

Quality Control for this project was performed in compliance with EMSL's Quality Assurance Manual.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. In addition, I certify, that to the best of my knowledge and belief, the data as reported are true and accurate. Release of the data contained in this data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

 3/22/22

Samantha Rundstrom

Date

Asbestos Laboratory Manager
EMSL Cinnaminson, NJ





EMSL ANALYTICAL, INC.

2. Tabulated Sample Results



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 042117909

Customer ID: ENVQ51

Customer PO: 030325.0087

Project ID:

Attention: Angye Dragotta
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (800) 500-0575
Fax: (513) 825-7495
Received Date: 07/21/2021 09:30 AM
Analysis Date: 07/22/2021
Collected Date: 07/14/2021 - 07/17/2021

Project: Julio Properties- 0087

**Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules,
Revision 3, Issue 3, 6/15/2019**

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
JP-AAS-H-BG1-071421 042117909-0001		07/14/2021	4967	<5.5	100	0.0005	<7.01	<0.0005	
JP-AAS-H-BG2-071421 042117909-0003		07/14/2021	4967	<5.5	100	0.0005	<7.01	<0.0005	
JP-AAS-H-BG3-071421 042117909-0005		07/14/2021	4832	7.2	100	0.0006	9.17	0.0007	
JP-AAS-H-BG4-071421 042117909-0007		07/14/2021	4818	<5.5	100	0.0006	<7.01	<0.0006	
JP-FB2-071421 042117909-0009		07/14/2021		<5.5	100		<7.01		Field Blank
JP-AAS-H-DW-071521 042117909-0010		07/15/2021	4181	<5.5	100	0.0006	<7.01	<0.0006	
JP-AAS-H-UW-071521 042117909-0012		07/15/2021	5203	12.2	100	0.0005	15.5	0.0012	
JP-AAS-H-CW1-071521 042117909-0014		07/15/2021	4583	11.2	100	0.0006	14.3	0.0012	
JP-AAS-H-CW2-071521 042117909-0016		07/15/2021	4053	<5.5	100	0.0007	<7.01	<0.0007	
JP-FB2-071521 042117909-0018		07/15/2021		<5.5	100		<7.01		Field Blank
JP-AAS-H-DW-071621 042117909-0019		07/16/2021	4302	10.2	100	0.0006	13.0	0.0012	
JP-AAS-H-UW-071621 042117909-0021		07/16/2021	3289	<5.5	100	0.0008	<7.01	<0.0008	
JP-AAS-H-CW1-071621 042117909-0023		07/16/2021	4705	8.2	100	0.0006	10.4	0.0009	
JP-AAS-H-CW2-071621 042117909-0025		07/16/2021	3748	<5.5	100	0.0007	<7.01	<0.0007	
JP-FB2-071621 042117909-0027		07/16/2021		<5.5	100		<7.01		Field Blank
JP-AAS-H-DW-071721 042117909-0028		07/17/2021	3258	<5.5	100	0.0008	<7.01	<0.0008	
JP-AAS-H-UW-071721 042117909-0030		07/17/2021	3165	9.2	100	0.0009	11.7	0.0014	

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm²) have greater than optimal variability and are probably biased. Field blank results, when available, are used to blank correct results. NIOSH 7400 requires field blanks be submitted at a rate of 10%, with a minimum of 2 per set. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Intra-laboratory Sr values: 5-20 fibers = 0.33, 21-50 fibers = 0.23, 51-100 fibers = 0.14. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.34. Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC-IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

Report Amended: 03/18/2022 12:00 PM Replaces amended report from: 08/18/2021 06:04 PM Reason Code: Client-Change to Sample ID



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 042117909

Customer ID: ENVQ51

Customer PO: 030325.0087

Project ID:

Attention: Angye Dragotta

Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (800) 500-0575

Fax: (513) 825-7495

Received Date: 07/21/2021 09:30 AM

Analysis Date: 07/22/2021

Collected Date: 07/14/2021 - 07/17/2021

Project: Julio Properties- 0087

**Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules,
Revision 3, Issue 3, 6/15/2019**

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
JP-AAS-H-CW1-071721 <i>042117909-0032</i>		07/17/2021	3211	<5.5	100	0.0008	<7.01	<0.0008	
JP-AAS-H-CW2-071721 <i>042117909-0034</i>		07/17/2021	3982	<5.5	100	0.0007	<7.01	<0.0007	
JP-FB2-071721 <i>042117909-0035</i>		07/17/2021		<5.5	100		<7.01		

The results reported have been blank corrected as applicable.

Project name corrected.

Analyst(s):

Christina Maiorana PCM 20

Samantha Rundstrom, Laboratory Manager
or other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm²) have greater than optimal variability and are probably biased. Field blank results, when available, are used to blank correct results. NIOSH 7400 requires field blanks be submitted at a rate of 10%, with a minimum of 2 per set. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Intra-laboratory Sr values: 5-20 fibers = 0.33, 21-50 fibers = 0.23, 51-100 fibers = 0.14. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.34. Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC-IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

Report Amended: 03/18/2022 12:00 PM Replaces amended report from: 08/18/2021 06:04 PM Reason Code: Client-Change to Sample ID



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 042117909

Customer ID: ENVQ51

Customer PO: 030325.0087

Project ID:

Attention: Angye Dragotta

Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (800) 500-0575

Fax: (513) 825-7495

Received Date: 07/21/2021 09:30 AM

Analysis Date: 07/26/2021

Collected Date: 07/15/2021 - 07/17/2021

Project: Julio Properties- 0087

Test Report:Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	Asbestos Type(s)	Asbestos Fibers	PCM F/cc	*Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
JP-AAS-H-UW-071521	5203	0.0	None Detected		0.0012	0 %	<0.0005	
042117909-0012								
JP-AAS-H-CW1-071521	4583	0.0	None Detected		0.0012	0 %	<0.0006	
042117909-0014								
JP-AAS-H-DW-071621	4302	0.0	None Detected		0.0012	0 %	<0.0006	
042117909-0019								
JP-AAS-H-UW-071721	3165	0.0	None Detected		0.0014	0 %	<0.0009	
042117909-0030								

Project name corrected.

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set.

* The above results are not blank corrected.

Average number of asbestos fibers on field blanks: N/A

Average number of non-asbestos fibers on field blanks: N/A

Analyst(s)

Mary McFarland (4)

Samantha Rundstrom, Laboratory Manager
or other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Results have been blank corrected as applicable. The analyses above were performed with a JEOL Transmission Electron Microscope (TEM) outfitted with a PGT/iXRF Energy Dispersive X-Ray Analysis (EDXA) System.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ



EMSL ANALYTICAL, INC.

3. Worksheets/ Bench Sheets

PCM Asbestos Analysis

Special Instructions:

Print Date 03/18/2022
Due Date 07/22/2021

Sample Number	042117909-0001	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-BG1-071421	Analysis Date	7/22/2021 9:36:17AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
5.2	100	4967.00	0.0005
Sample Number	042117909-0003	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-BG2-071421	Analysis Date	7/22/2021 9:49:01AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
4.2	100	4967.00	0.0005
Sample Number	042117909-0005	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-BG3-071421	Analysis Date	7/22/2021 9:45:16AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
7.2	100	4832.00	0.0006
Sample Number	042117909-0007	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-BG4-071421	Analysis Date	7/22/2021 9:51:54AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
2.2	100	4818.00	0.0006
Sample Number	042117909-0009	Analyst	cmaiorana
Customer Sample No.	JP-FB2-071421	Analysis Date	7/22/2021 9:45:00AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
1.5	100	0.00	<7.01
Sample Number	042117909-0010	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-DW-071521	Analysis Date	7/22/2021 9:56:22AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
3.2	100	4181.00	0.0006

PCM Asbestos Analysis

Special Instructions:

Print Date 03/18/2022
Due Date 07/22/2021

Sample Number	042117909-0012	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-UW-071521	Analysis Date	7/22/2021 10:00:08AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
12.2	100	5203.00	0.0005
Analyst	cmaiorana		
Analysis Date	7/22/2021 10:05:05AM		
Status	None		
Scope Number	PCM-04-0002		
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
11.2	100	4583.00	0.0006
Analyst	cmaiorana		
Analysis Date	7/22/2021 10:07:17AM		
Status	None		
Scope Number	PCM-04-0002		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
3.7	100	4053.00	0.0007
Analyst	cmaiorana		
Analysis Date	7/22/2021 10:47:43AM		
Status	None		
Scope Number	PCM-04-0002		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
0	100	0.00	<7.01
Analyst	cmaiorana		
Analysis Date	7/22/2021 10:52:15AM		
Status	None		
Scope Number	PCM-04-0002		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
10.2	100	4302.00	0.0006
Analyst	cmaiorana		
Analysis Date	7/22/2021 10:54:31AM		
Status	None		
Scope Number	PCM-04-0002		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
2.2	100	3289.00	0.0008

PCM Asbestos Analysis

Special Instructions:

Print Date 03/18/2022
Due Date 07/22/2021

Sample Number	042117909-0023	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-CW1-071621	Analysis Date	7/22/2021 10:58:45AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
8.2	100	4705.00	0.0006
Sample Number	042117909-0025	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-CW2-071621	Analysis Date	7/22/2021 11:43:43AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
3.2	100	3748.00	0.0007
Sample Number	042117909-0027	Analyst	cmaiorana
Customer Sample No.	JP-FB2-071621	Analysis Date	7/22/2021 11:00:33AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
1	100	0.00	<7.01
Sample Number	042117909-0028	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-DW-071721	Analysis Date	7/22/2021 11:30:43AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
0.2	100	3258.00	0.0008
Sample Number	042117909-0030	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-UW-071721	Analysis Date	7/22/2021 11:32:31AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
9.2	100	3165.00	0.0009
Sample Number	042117909-0032	Analyst	cmaiorana
Customer Sample No.	JP-AAS-H-CW1-071721	Analysis Date	7/22/2021 11:36:39AM
Matrix	Air	Status	None
Acetone Lot	210378	Scope Number	PCM-04-0002
Triacetin Lot	7001512		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
0.7	100	3211.00	0.0008

PCM Asbestos Analysis

Special Instructions:

Print Date 03/18/2022
Due Date 07/22/2021

Sample Number	042117909-0034	Analyst	cmaiorana	
Customer Sample No.	JP-AAS-H-CW2-071721	Analysis Date	7/22/2021 11:39:27AM	
Matrix	Air	Status	None	
Acetone Lot	210378	Scope Number	PCM-04-0002	
Triacetin Lot	7001512			
Comments:				
Fibers	Fields	Volume	LOD	
			Fibers/mm ²	Fibers/cc

2.7	100	3982.00	0.0007	<7.01	<0.0007
Sample Number	042117909-0035		Analyst	cmaiorana	
Customer Sample No.	JP-FB2-071721		Analysis Date	7/22/2021 11:41:10AM	
Matrix	Air		Status	None	
Acetone Lot	210378		Scope Number	PCM-04-0002	
Triacetin Lot	7001512				
Comments:					
Fibers	Fields	Volume	LOD	Fibers/mm ²	Fibers/cc
0	100	0.00		<7.01	

3/18/2022

TEM 7402 Asbestos Analysis Of Air

Special Instructions:

Due Date 07/23/2021

Sample Number:	042117909-0012	Magnification(X):	2 Ranges: Low Scan, High 10000x						
Customer Sample No.:	JP-AAS-H-UW-0715	Volume(L):	5,203.00	G.O. Area(mm ²):	0.00591				
Analyst:	mmcfarland	Filter Type:	MCE	Total/Req G.O.:	40 / 40				
Analysis Date:	07/26/2021	Filter Size(mm ²):	25	Grid Box #:	0410 Other 02				
Scope ID:	TEM-04-0006	EFA(mm ²):	385	Row:	C				
TEM Voltage:	100	Particulate:	2	Column:	4-6				
Asbestos Fibers:	0.0	Blank Adj Asb Fibers:		PCM f/cc:	0.0012				
Non-Asbestos Fibers:	0.0	Blank Adj Non-Asb Fibs:		Adj PCM/TEM f/cc:	<0.0005				
Total Fibers:	0.0	Blank Adj Total Fibers:							
Asbestos Pct:	0	Blank Adj Asbestos Pct:							
Comments:									
Grid ID	G.O. ID	Mineral Type	# of Fibers	Length	Width	SAED	Negative #	EDXA	Comment
C4	F5	None Detected	0						
C4	F3	None Detected	0						
C4	F1	None Detected	0						
C4	E4	None Detected	0						
C4	E2	None Detected	0						
C4	B11	None Detected	0						
C4	B9	None Detected	0						
C4	B7	None Detected	0						
C4	B5	None Detected	0						
C4	A8	None Detected	0						
C4	A6	None Detected	0						
C5	O5	None Detected	0						
C5	O3	None Detected	0						
C5	O1	None Detected	0						
C5	M8	None Detected	0						
C5	M6	None Detected	0						
C5	M4	None Detected	0						
C5	M2	None Detected	0						
C5	K7	None Detected	0						
C5	K5	None Detected	0						
C5	K3	None Detected	0						
C5	K1	None Detected	0						
C6	O12	None Detected	0						
C6	O10	None Detected	0						
C6	O8	None Detected	0						
C6	O6	None Detected	0						
C6	O4	None Detected	0						
C6	O2	None Detected	0						
C6	M12	None Detected	0						
C6	M10	None Detected	0						
C6	M8	None Detected	0						
C6	M6	None Detected	0						
C6	M4	None Detected	0						
C6	M2	None Detected	0						
C6	K11	None Detected	0						
C6	K9	None Detected	0						
C6	K7	None Detected	0						
C6	K5	None Detected	0						
C6	K3	None Detected	0						

TEM 7402 Asbestos Analysis Of Air

Special Instructions:

Due Date 07/23/2021

C6 K1 None Detected 0

Sample Number:	042117909-0014	Magnification(X):	2 Ranges: Low Scan, High 10000x	
Customer Sample No.:	JP-AAS-H-CW1-071	Volume(L):	4.583.00	G.O. Area(mm ²): 0.00591
Analyst:	mmcfarland	Filter Type:	MCE	Total/Req G.O.: 40 / 40
Analysis Date:	07/26/2021	Filter Size(mm ²):	25	Grid Box #: 0410 Other 02
Scope ID:	TEM-04-0006	EFA(mm ²):	385	Row: D
TEM Voltage:	100	Particulate:	2	Column: 1-3

Asbestos Fibers:	0.0	Blank Adj Asb Fibers:	PCM f/cc: 0.0012
Non-Asbestos Fibers:	0.0	Blank Adj Non-Asb Fibs:	Adj PCM/TEM f/cc: <0.0006
Total Fibers:	0.0	Blank Adj Total Fibers:	
Asbestos Pct:	0	Blank Adj Asbestos Pct:	

Comments:

Grid ID	G.O. ID	Mineral Type	# of Fibers	Length	Width	SAED	Negative #	EDXA	Comment
D2	O11	None Detected	0						
D2	O9	None Detected	0						
D2	O7	None Detected	0						
D2	O5	None Detected	0						
D2	O3	None Detected	0						
D2	O1	None Detected	0						
D2	L11	None Detected	0						
D2	L9	None Detected	0						
D2	L7	None Detected	0						
D2	L5	None Detected	0						
D2	L3	None Detected	0						
D2	L1	None Detected	0						
D2	J11	None Detected	0						
D2	J9	None Detected	0						
D2	J7	None Detected	0						
D2	J5	None Detected	0						
D2	J3	None Detected	0						
D2	J1	None Detected	0						
D2	G8	None Detected	0						
D2	G6	None Detected	0						
D2	G4	None Detected	0						
D2	G2	None Detected	0						
D2	C7	None Detected	0						
D2	C5	None Detected	0						
D2	C3	None Detected	0						
D2	C1	None Detected	0						
D3	F7	None Detected	0						
D3	F5	None Detected	0						
D3	F3	None Detected	0						
D3	F1	None Detected	0						
D3	E8	None Detected	0						
D3	E6	None Detected	0						
D3	E4	None Detected	0						
D3	E2	None Detected	0						
D3	C9	None Detected	0						
D3	C7	None Detected	0						
D3	C5	None Detected	0						
D3	C3	None Detected	0						

3/18/2022

TEM 7402 Asbestos Analysis Of Air

Special Instructions:

Due Date 07/23/2021

D3 C1 None Detected 0

D3 A3 None Detected 0

Sample Number:	042117909-0019	Magnification(X):	2 Ranges: Low Scan, High 10000x						
Customer Sample No.:	JP-AAS-H-DW-0716	Volume(L):	4,302.00	G.O. Area(mm) ² :	0.00591				
Analyst:	mmcfarland	Filter Type:	MCE	Total/Req G.O.:	40 / 40				
Analysis Date:	07/26/2021	Filter Size(mm) ² :	25	Grid Box #:	0410 Other 02				
Scope ID:	TEM-04-0006	EFA(mm) ² :	385	Row:	D				
TEM Voltage:	100	Particulate:	5	Column:	4-6				
Asbestos Fibers:	0.0	Blank Adj Asb Fibers:		PCM f/cc:	0.0012				
Non-Asbestos Fibers:	0.0	Blank Adj Non-Asb Fibs:		Adj PCM/TEM f/cc:	<0.0006				
Total Fibers:	0.0	Blank Adj Total Fibers:							
Asbestos Pct:	0	Blank Adj Asbestos Pct:							
Comments:									
Grid ID	G.O. ID	Mineral Type	# of Fibers	Length	Width	SAED	Negative #	EDXA	Comment
D4	O10	None Detected	0						
D4	O8	None Detected	0						
D4	O6	None Detected	0						
D4	O4	None Detected	0						
D4	O2	None Detected	0						
D4	M9	None Detected	0						
D4	M7	None Detected	0						
D4	M5	None Detected	0						
D4	M3	None Detected	0						
D4	M1	None Detected	0						
D4	I11	None Detected	0						
D4	I9	None Detected	0						
D4	I7	None Detected	0						
D4	I5	None Detected	0						
D4	I3	None Detected	0						
D4	I1	None Detected	0						
D5	O12	None Detected	0						
D5	O10	None Detected	0						
D5	O8	None Detected	0						
D5	O6	None Detected	0						
D5	O4	None Detected	0						
D5	O2	None Detected	0						
D5	L9	None Detected	0						
D5	L7	None Detected	0						
D5	L5	None Detected	0						
D5	L3	None Detected	0						
D5	L1	None Detected	0						
D5	G10	None Detected	0						
D5	G8	None Detected	0						
D5	G6	None Detected	0						
D5	G4	None Detected	0						
D5	G2	None Detected	0						
D6	O12	None Detected	0						
D6	O10	None Detected	0						
D6	O8	None Detected	0						
D6	O6	None Detected	0						
D6	O4	None Detected	0						

3/18/2022

TEM 7402 Asbestos Analysis Of Air

Due Date 07/23/2021

Special Instructions:

D6 O2 None Detected 0

D6 M4 None Detected 0

D6 M2 None Detected 0

Sample Number: **042117909-0030**
 Customer Sample No.: JP-AAS-H-UW-0717
 Analyst: mmcfarland
 Analysis Date: 07/26/2021
 Scope ID: TEM-04-0006
 TEM Voltage: 100

Magnification(X): 2 Ranges: Low Scan, High 10000x
 Volume(L): 3,165.00 G.O. Area(mm²): 0.00591
 Filter Type: MCE Total/Req G.O.: 40 / 40
 Filter Size(mm²): 25 Grid Box #: 0410 Other 02
 EFA(mm²): 385 Row: E
 Particulate: 6 Column: 1-3

Asbestos Fibers: 0.0

Blank Adj Asb Fibers: PCM f/cc: 0.0014

Non-Asbestos Fibers: 0.0

Blank Adj Non-Asb Fibs: Adj PCM/TEM f/cc: <0.0009

Total Fibers: 0.0

Blank Adj Total Fibers:

Asbestos Pct: 0

Blank Adj Asbestos Pct:

Comments:

Grid ID	G.O. ID	Mineral Type	# of Fibers	Length	Width	SAED	Negative #	EDXA	Comment
E1	O13	None Detected	0						
E1	O11	None Detected	0						
E1	O9	None Detected	0						
E1	O7	None Detected	0						
E1	O5	None Detected	0						
E1	O3	None Detected	0						
E1	O1	None Detected	0						
E1	M13	None Detected	0						
E1	M11	None Detected	0						
E1	M9	None Detected	0						
E1	M7	None Detected	0						
E1	M5	None Detected	0						
E1	M3	None Detected	0						
E1	M1	None Detected	0						
E1	D13	None Detected	0						
E1	D11	None Detected	0						
E1	D9	None Detected	0						
E1	D7	None Detected	0						
E1	D5	None Detected	0						
E1	D3	None Detected	0						
E1	D1	None Detected	0						
E2	O10	None Detected	0						
E2	O8	None Detected	0						
E2	O6	None Detected	0						
E2	O4	None Detected	0						
E2	O2	None Detected	0						
E2	I9	None Detected	0						
E2	I7	None Detected	0						
E2	I5	None Detected	0						
E2	I3	None Detected	0						
E2	I1	None Detected	0						
E2	C13	None Detected	0						
E2	C11	None Detected	0						
E2	C9	None Detected	0						
E2	C7	None Detected	0						
E2	C5	None Detected	0						

3/18/2022

TEM 7402 Asbestos Analysis Of Air

Due Date 07/23/2021

Special Instructions:

E2	C3	None Detected	0
E2	C1	None Detected	0
E2	A4	None Detected	0
E2	A2	None Detected	0



EMSL ANALYTICAL, INC.

4. QC Data Reports/Logs



Daily Reference Slide
To Check PASS/FAIL: Enter data below

Slide ID	Analyst	# Fibers	# Fields	Density (E)	Bias	Results
N	CM	31	100	39.49	Within Target	Pass

Analyst: <u>Cm</u>
Date: <u>7/22/2021 6:51</u>
<i>Sign & Date</i>

b2



EMSL ANALYTICAL, INC.

5. Client and EMSL Internal Chains of Custody

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

042117909

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
~~2021 JULY 14 PHM 10:11~~
(866) 786-5974

Company: E&M		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1800 CALILLON BLVD		Third Party Billing requires written authorization from third party	
City: CINCINNATI	State/Province: OH	Zip/Postal Code: 45240	Country: US
Report To (Name): ANGIE DRAGOTTA		Telephone #: 513-579-8196	
Email Address: ADRA.GIOTTA@E&M.COM		Fax #:	Purchase Order:
Project Name/Number: JLL10 PROPERTIES /0087		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: MI		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* – Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input checked="" type="checkbox"/> NIOSH 7400 <i>55 7/21/21</i> <input type="checkbox"/> w/ OSHA 8hr. TWA <i>CM</i>	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <i>SEE COMMENTS</i>	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <i>7/22/21</i>	<input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking
NYS 198.1 (friable in NY) <input type="checkbox"/>	NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/>	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique
NIOSH 9002 (<1%) <input type="checkbox"/>		Other: <input type="checkbox"/>

Check For Positive Stop – Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name:	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	10 AM		
	JP-AAS-1H-B61-071421	4967 L	07/14/21 0823-1640
	JP-AAS-L-B61-071421	1252 L	0823-1640
	JP-AAS-H-B62-071421	4967 L	0820-1634
	JP-AAS-L-B62-071421	1238 L	0826-1634
	JP-AAS-H-B63-071421	4832 L	0835-1637
	JP-AAS-L-B63-071421	1209 L	0835-1637
	JP-AAS-H-B64-071421	4818 L	0840-1639
	JP-AAS-L-B64-071421	1211 L	0840-1639

Client Sample # (s):

Total # of Samples: 35

Relinquished (Client): *ASIAN*

Date: 07/19/2021

Time: 1430

Received (Lab): *KDEX*

Date: 07/19/2021

Time: 1430

Comments/Special Instructions: DO NOT ANALYZE LOW VOLUME ASBESTOS CASSETTE UNLESS CORRESPONDING HIGH VOLUME CASSETTE IS OVERLOADED. ANALYZE HIGH VOLUME CASSETTE VIA NIOSH 7402 (TEM) IF PCM RESULTS EXCEED 0.001 F/CC.

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

OU 2117909

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

2021 44221 PHM

Sample #	ID Sample Description AM	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
JP-FB2 - 071421	n/a	07/14/21	
JP-AAS-H-DW-071521	4181 L	07/15/21 1449	0758-
JP-AAS-L-DW-071521	1330 L		1648
JP-AAS-H-VW-071521	5203 L		0810- 1638
JP-AAS-L-VW-071521	1275 L		0810- 1638
JP-AAS-H-CWI - 071521	4583 L		0802- 1536
JP-AAS-L-CWI - 071521	1303 L		0802- 1642
JP-AAS-H-CW2 - 071521	4053 L		0815- 1453
JP-AAS-L-CW2 - 071521	1302 L		0815- 1650
JP-FB2 - 071521	n/a	07/15/21	
JP-AAS-H-DW-071621	4302 L	07/16/21 1516	0810-
JP-AAS-L-DW-071621	1345 L		0810- 1705
JP-AAS-H-VW-071621	3289 L		0958- 1323
JP-AAS-L-VW-071621	1385 L		0758- 1710
JP-AAS-H-CWI - 071621	4705 L		0802- 1550
JP-AAS-L-CWI - 071621	1416 L		0802- 1713
JP-AAS-H-CW2 - 071621	3748 L		0815- 1423
JP-AAS-L-CW2 - 071621	1240 L		0815- 1645
JP-FB2 - 071621	n/a	07/16/21	
JP-AAS-H-DW-071721	3258 L	07/17/21 1332	0805-
JP-AAS-L-DW-071721	980 L		0805- 1443
JP-AAS-H-VW-071721	3165 L		0759- 1314
JP-AAS-L-VW-071721	1019 L		0759- 1445
JP-AAS-H-CWI - 071721	3211 L		0750- 1308

*Comments/Special Instructions: See Notes/Comments on page 1.

Page 2 of 3 pages

MB

Controlled Document - Asbestos COC - R6 - 4/1/2012

MSG/
USE PA



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

**Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):**

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMON, NJ 08077

~~PHONE: (800) 220-3675
FAX: (856) 786-5974~~

2021 JUN 21
FAX (856) 786-
SUN. N.J.
ample information

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information.

***Comments/Special Instructions:** SEE NOTES/ COMMENTS ON PAGE 1.

León MSG,
ESPA

Controlled Document – Asbestos COC – R6 – 4/11/2012

Page 3 of 3 pages

INTERNAL CHAIN OF CUSTODY**Order ID: 042117909**

7/21/2021 12:46:57 PM

Attn: Angye Dragotta
 Environmental Quality Management, Inc.
 1800 Carillon Blvd
 Cincinnati, OH 45240
 Customer ID: ENVQ51
 Customer PO:
 Received: 07/21/21 9:30 AM
 Fax: (513) 825-7495 Phone: (800) 500-0575
 Project: **JUL10 Properties - 0087**
Julio
 EMSL Order: 042117909
 EMSL Proj ID:
 Cust COC ID
 Project Type: Standard

⑥ 3/18/22

REPORT TO INSTRUCTIONS

- Send Receipt Confirmation Emails Project ID required
 No electronic signatures Cust. COC ID required
 Billing Frequency Miscellaneous account

With Report -- Create and send an invoice for each Order ID

Accounting Terms: N45

Sales Rep and Comment: aderosa

Instructions

BILL TO INSTRUCTIONS

- Exempt from prep charge Authorization to use credit card
 Exempt from off hour min charges
 Exempt from layer/aliquot charges
 P.O. Required

Billing Frequency

With Report -- Create and send an invoice for each Order ID

Use Billing Contact:

Accounting Terms: N45

Payment Directions: With Report

Instructions

--PO must be on all correspondence
--terms & conditions apply to PO's**Internal Comment****Test:** PCM**Matrix** Air**TAT:** 24 Hour**Qty:** 20**Desc:** Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Met

- Lab Opening Exempt For Test Prep Charge Exempt For Test
 Layer/Aliquot Charge Exempt For Test Free Shipping Eligible

Comments

ACETONE LOT #
210378

Logged: cbader 7/21/2021
Signoff: cbader 7/21/2021
Sample Condition: Acceptable
 Unacceptable
Prepped: JJJ Date 7/21/21
Analyzed: CM Date 7/22/21
Data Entry Date
Screened: Date
Mailed: Date

Special Test Instructions

scanned DF 7/27/21

Lab Sample #	Cust. Sample #	Location	Due Date
042117909-0001	JP-AAS-H-BG1-071421		7/22/2021 9:30:00 AM
042117909-0003	JP-AAS-H-BG2-071421		7/22/2021 9:30:00 AM
042117909-0005	JP-AAS-H-BG3-071421		7/22/2021 9:30:00 AM
042117909-0007	JP-AAS-H-BG4-071421		7/22/2021 9:30:00 AM
042117909-0009	JP-FB2-071421		7/22/2021 9:30:00 AM
042117909-0010	JP-AAS-H-DW-071521		7/22/2021 9:30:00 AM
042117909-0012	JP-AAS-H-UW-071521		7/22/2021 9:30:00 AM
042117909-0014	JP-AAS-H-CW1-071521		7/22/2021 9:30:00 AM

INTERNAL CHAIN OF CUSTODY**Order ID: 042117909****7/21/2021 12:46:57 PM**

Attn: Annye Dragotta
 Environmental Quality Management, Inc.
 1800 Carillon Blvd
 Cincinnati, OH 45240
 Customer ID: ENVQ51
 Customer PO:
 Received: 07/21/21 9:30 AM

Fax: (513) 825-7495 Phone: (800) 500-0575
 Project: **JLL Properties - 0087**
Julio
 EMSL Order: 042117909
 EMSL Proj ID:
 Cust COC ID
 Project Type: Standard

Lab Sample #	Cust. Sample #	Location	Due Date
042117909-0016	JP-AAS-H-CW2-071521		7/22/2021 9:30:00 AM
042117909-0018	JP-FB2-071521		7/22/2021 9:30:00 AM
042117909-0019	JP-AAS-H-DW-071621		7/22/2021 9:30:00 AM
042117909-0021	JP-AAS-H- W -071621		7/22/2021 9:30:00 AM
042117909-0023	JP-AAS-H-CW1-071621		7/22/2021 9:30:00 AM
042117909-0025	JP-AAS-H-CW2-071621		7/22/2021 9:30:00 AM
042117909-0027	JP-FB2-071621		7/22/2021 9:30:00 AM
042117909-0028	JP-AAS-H-DW-071721		7/22/2021 9:30:00 AM
042117909-0030	JP-AAS-H- W -071721		7/22/2021 9:30:00 AM
042117909-0032	JP-AAS-H-CW1-071721		7/22/2021 9:30:00 AM
042117909-0034	JP-AAS- L -CW2-071721		7/22/2021 9:30:00 AM
042117909-0035	JP-FB2-071721		7/22/2021 9:30:00 AM

 3/18/22

INTERNAL CHAIN OF CUSTODY**Order ID: 042117909**

7/22/2021 12:06:46 PM

Attn: Angye Dragotta
 Environmental Quality Management, Inc.
 1800 Carillon Blvd
 Cincinnati, OH 45240
 Customer ID: ENVQ51
 Customer PO:
 Received: 07/21/21 9:30 AM

Fax: (513) 825-7495 Phone: (800) 500-0575
 Project: **JULIO Properties - 0087**
Julio
 EMSL Order: 042117909
 EMSL Proj ID:
 Cust COC ID
 Project Type: Standard

REPORT TO INSTRUCTIONS

- Send Receipt Confirmation Emails Project ID required
 No electronic signatures Cust. COC ID required
 Billing Frequency Miscellaneous account

With Report -- Create and send an invoice for each Order ID

Accounting Terms: N45

Sales Rep and Comment: aderosa

Instructions

BILL TO INSTRUCTIONS

- Exempt from prep charge Authorization to use credit card
 Exempt from off hour min charges
 Exempt from layer/aliquot charges
 P.O. Required

Billing Frequency

With Report -- Create and send an invoice for each Order ID

Use Billing Contact:

Accounting Terms: N45

Payment Directions: With Report

Instructions

--PO must be on all correspondence
--terms & conditions apply to PO's

Internal Comment**Test: TEM 7402****Matrix** Air**TAT:** 24 Hour**Qty:** 4**Desc: Asbestos Analysis of Air Samples by Transmission Electron Microsc**

- Lab Opening Exempt For Test Prep Charge Exempt For Test
 Layer/Aliquot Charge Exempt For Test Free Shipping Eligible

Comments

GO: 0.00591 MM

LOT: TEM 7402-0421-02

0421 Other 027 (L-E)

Logged:	cbader	7/21/2021
Signoff:	cbader	7/21/2021
Sample Condition:	<input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable	
Prepped:	mmc	7/22/21
Analyzed:	MM	7/22/21
Data Entry	MM	7/22/21
Screened:	SC	7/22/21
Mailed:		7/22/21

Special Test Instructions

Lab Sample #	Cust. Sample #	Location	Due Date
042117909-0012	JP-AAS-H-UW-071521		7/23/2021 9:30:00 AM
042117909-0014	JP-AAS-H-CW1-071521		7/23/2021 9:30:00 AM
042117909-0019	JP-AAS-H-DW-071621		7/23/2021 9:30:00 AM
042117909-0030	JP-AAS-H-XW-071721		7/23/2021 9:30:00 AM

④ 3/18/22



EMSL ANALYTICAL, INC.

6. Equipment Performance Checks



PCM Calibration Records

Lab ID: 04

PCM Scope #: PCM-04-0002

Date Range: 07/22/2021 to 07/22/2021

Daily**Weekly**

Resolution Check

Verify Walton Beckett Graticule

Date	Analyst	Alignment	Phase Ring Alignment	Resolution Test Slide	Last Fully Visible	First Completely Invisible	Stage Micrometer Serial Number	Diameter (μm)	Calculated Area (mm ²)
07/22/2021 06:46	cmaiorana	✓	✓				Micrometer-04-0001	100	0.00785
07/22/2021 15:54	smuir	✓	✓				Micrometer-04-0001	100	0.00785

Monthly Report for TEM Calibrations

Laboratory:

Cinnaminson

Scope:

04-06

Detector:

IXRF

Chrysotile Beam Dose Sensitivity (Quarterly)

Date	Initials	Negative Numbers		At least 90% of patterns >15 seconds ?
		SAED	Morphology	
10/8/2018	PH	Cal_701	Cal_702	Pass
12/31/2018	PH	Cal_726	Cal_727	Pass
3/25/2019	PH	Cal_755	Cal_756	Pass
7/31/2019	SR	Cal_416	Cal_417	Pass
9/26/2019	MM	Cal_792	Cal_794	Pass
12/24/2019	MM	Cal_808	Cal_809	Pass
3/23/2020	PH	Cal_828	Cal_829	Pass
6/25/2020	MM	Cal_851	Cal_852	Pass
9/23/2020	MM	Cal_872	Cal_873	Pass
1/8/2021	MM	Cal_894	Cal_895	Pass
4/8/2021	MM	2021_Cal_017	2021_Cal_018	Pass
7/8/2021	MM	2021_Cal_039	2021_Cal_040	Pass

Comments:

Camera Constant Calibrations

(Monthly / Weekly when Water Analysis is performed)

Negative (Camera)					
Date	Initials	Negative Number	Camera Length	Camera Constant	Camera Constant Evaluation
4/23/2021	MM	2021_Cal_020	100	1.94	Pass
4/30/2021	MM	2021_Cal_023	100	1.89	Pass
5/7/2021	MM	2021_Cal_026	100	1.93	Pass
5/19/2021	MM	2021_Cal_029	100	1.92	Pass
5/27/2021	MM	2021_Cal_030	100	1.91	Pass
6/3/2021	MM	2021_Cal_030	100	1.89	Pass
6/10/2021	MM	2021_Cal_034	100	1.92	Pass
6/17/2021	MM	2021_Cal_035	100	1.90	Pass
6/24/2021	MM	2021_Cal_036	100	1.93	Pass
7/1/2021	MM	2021_Cal_037	100	1.95	Pass
7/8/2021	MM	2021_Cal_038	100	1.94	Pass
7/16/2021	MM	2021_Cal_043	100	1.91	Pass
7/23/2021	MM	2021_Cal_044	100	1.93	Pass
7/30/2021	MM	2021_Cal_045	100	1.96	Pass
8/9/2021	MM	2021_Cal_046	100	1.92	Pass
8/16/2021	MM	2021_Cal_049	100	1.95	Pass
8/23/2021	MM	2021_Cal_050	100	1.89	Pass
8/30/2021	MM	2021_Cal_051	100	1.95	Pass
9/8/2021	MM	2021_Cal_052	100	1.94	Pass
9/15/2021	MM	2021_Cal_053	100	1.93	Pass

Comments:

Monthly Report for TEM Calibrations

Laboratory: Cinnaminson

Scope: 04-06

Detector: IXRF

Camera Constant Calibrations

(Monthly / Weekly when Water Analysis is performed)

On Screen					
Date	Initials	Camera Length	Aperture #	Aperture Diameter	Camera Constant Evaluation
4/15/2021	MM	24	3	1.18	Pass
4/23/2021	MM	24	3	1.15	Pass
4/30/2021	MM	24	3	1.18	Pass
5/7/2021	MM	24	3	1.19	Pass
5/19/2021	MM	24	3	1.19	Pass
5/27/2021	MM	24	3	1.18	Pass
6/3/2021	MM	24	3	1.15	Pass
6/10/2021	MM	24	3	1.18	Pass
6/17/2021	MM	24	3	1.20	Pass
6/24/2021	MM	24	3	1.18	Pass
7/1/2021	MM	24	3	1.18	Pass
7/8/2021	MM	24	3	1.16	Pass
7/16/2021	MM	24	3	1.18	Pass
7/23/2021	MM	24	3	1.15	Pass
7/30/2021	MM	24	3	1.16	Pass
8/9/2021	MM	24	3	1.15	Pass
8/16/2021	MM	24	3	1.20	Pass
8/23/2021	MM	24	3	1.18	Pass
9/8/2021	MM	24	3	1.18	Pass
9/15/2021	MM	24	3	1.20	Pass

The above aperture diameter represents the on screen diameter in reciprocal space. Multiply this number times the number of layer lines seen to get layer line spacing.

Comments:

Monthly Report for TEM Calibrations

Laboratory: Cinnaminson

Scope: 04-06

Detector: IXRF

Magnification Calibrations (Monthly)

20,000x - Negative

Date	Initials	Mean Calibration Mag	Actual Mag	Mag Evaluation
3/13/2020	MM	18657	19062	Pass
4/13/2020	MM	18645	18666	Pass
5/13/2020	MM	18676	18725	Pass
6/12/2020	MM	18677	18773	Pass
7/13/2020	MM	18688	18784	Pass
8/12/2020	MM	18688	18621	Pass
9/16/2020	MM	18682	18207	Pass
10/21/2020	MM	18692	18675	Pass
11/20/2020	MM	18678	18684	Pass
12/21/2020	MM	18671	18603	Pass
1/22/2021	MM	18672	18449	Pass
2/24/2021	MM	18663	18090	Pass
3/29/2021	MM	18631	18549	Pass
4/30/2021	MM	18603	18676	Pass
5/3/2021	MM	18610	18576	Pass
5/4/2021	MM	18582	18962	Pass
6/3/2021	MM	18605	18702	Pass
7/8/2021	MM	18653	18603	Pass
8/9/2021	MM	18648	18252	Pass
9/8/2021	MM	18614	18576	Pass

Comments:

20,000x - Screen

Date	Initials	Mean Calibration Mag	Actual Mag	Mag Evaluation
3/13/2020	MM	14702	15158	Pass
4/13/2020	MM	14675	14521	Pass
5/13/2020	MM	14715	14644	Pass
6/12/2020	MM	14702	14521	Pass
7/13/2020	MM	14728	14897	Pass
8/12/2020	MM	14702	14521	Pass
9/16/2020	MM	14712	14460	Pass
10/21/2020	MM	14695	14644	Pass
11/20/2020	MM	14711	14897	Pass
12/21/2020	MM	14685	14644	Pass
1/22/2021	MM	14717	14769	Pass
2/24/2021	MM	14724	14644	Pass
3/29/2021	MM	14717	14897	Pass
4/30/2021	MM	14710	15026	Pass
5/3/2021	MM	14717	14769	Pass
5/4/2021	MM	14696	15026	Pass
6/3/2021	MM	14717	14644	Pass
7/8/2021	MM	14742	14521	Pass
8/9/2021	MM	14735	14644	Pass
9/8/2021	MM	14681	14769	Pass

Comments:

10,000x - Negative

Date	Initials	Mean Calibration Mag	Actual Mag	Mag Evaluation
3/13/2020	MM	9552	9828	Pass
4/13/2020	MM	9540	9489	Pass
5/13/2020	MM	9557	9617	Pass
6/12/2020	MM	9553	9670	Pass
7/13/2020	MM	9555	9705	Pass
8/12/2020	MM	9552	9605	Pass
9/16/2020	MM	9560	9533	Pass
10/21/2020	MM	9571	9684	Pass
11/20/2020	MM	9566	9569	Pass
12/21/2020	MM	9574	9655	Pass
1/22/2021	MM	9584	9683	Pass
2/24/2021	MM	9593	9627	Pass
3/29/2021	MM	9587	9569	Pass
4/30/2021	MM	9571	9612	Pass
5/3/2021	MM	9603	9828	Pass
5/4/2021	MM	9603	9958	Pass
6/3/2021	MM	9642	9756	Pass
7/8/2021	MM	9674	9634	Pass
8/9/2021	MM	9671	9569	Pass
9/8/2021	MM	9663	9634	Pass

Comments:

10,000x - Screen

Date	Initials	Mean Calibration Mag	Actual Mag	Mag Evaluation
3/13/2020	MM	7581	7855	Pass
4/13/2020	MM	7576	7385	Fail
5/13/2020	MM	7606	7646	Pass
6/12/2020	MM	7594	7546	Pass
7/13/2020	MM	7594	7579	Pass
8/12/2020	MM	7585	7546	Pass
9/16/2020	MM	7584	7481	Pass
10/21/2020	MM	7587	7513	Pass
11/20/2020	MM	7573	7448	Pass
12/21/2020	MM	7580	7481	Pass
1/22/2021	MM	7573	7579	Pass
2/24/2021	MM	7578	7546	Pass
3/29/2021	MM	7569	7579	Pass
4/30/2021	MM	7554	7612	Pass
5/3/2021	MM	7570	7855	Pass
5/4/2021	MM	7572	7819	Pass
6/3/2021	MM	7594	7784	Pass
7/8/2021	MM	7620	7579	Pass
8/9/2021	MM	7611	7749	Pass
9/8/2021	MM	7610	7784	Pass

Comments:

Monthly Report for TEM Calibrations

Laboratory:

Cinnaminson

Scope:

04-06

Detector:

IXRF

Calibration of On Screen 0.5 and 5 μ m
Measuring Aids at EPA AHERA Magnification
 (Monthly)

Date	Initials	Small Circle μ m	Large Circle μ m
3/13/2020	MM	0.53	5.28
4/13/2020	MM	0.55	5.51
5/13/2020	MM	0.55	5.46
6/12/2020	MM	0.55	5.51
7/13/2020	MM	0.54	5.37
8/12/2020	MM	0.55	5.51
9/16/2020	MM	0.55	5.53
10/21/2020	MM	0.55	5.46
11/20/2020	MM	0.54	5.37
12/21/2020	MM	0.55	5.46
1/22/2021	MM	0.54	5.42
2/24/2021	MM	0.55	5.46
3/29/2021	MM	0.54	5.37
4/30/2021	MM	0.53	5.32
5/3/2021	MM	0.54	5.42
5/4/2021	MM	0.53	5.32
6/3/2021	MM	0.55	5.46
7/8/2021	MM	0.55	5.51
8/9/2021	MM	0.55	5.46
9/8/2021	MM	0.54	5.42

Comments:

Calibration of On Screen 1.0 and 10 μ m
Measuring Aids at EPA 100.2 Magnification
 (Monthly)

Date	Initials	Small Circle μ m	Large Circle μ m
3/13/2020	MM	1.02	10.18
4/13/2020	MM	1.08	10.83
5/13/2020	MM	1.05	10.46
6/12/2020	MM	1.06	10.60
7/13/2020	MM	1.06	10.56
8/12/2020	MM	1.06	10.60
9/16/2020	MM	1.07	10.69
10/21/2020	MM	1.06	10.65
11/20/2020	MM	1.07	10.74
12/21/2020	MM	1.07	10.69
1/22/2021	MM	1.06	10.56
2/24/2021	MM	1.06	10.60
3/29/2021	MM	1.06	10.56
4/30/2021	MM	1.05	10.51
5/3/2021	MM	1.02	10.18
5/4/2021	MM	1.02	10.23
6/3/2021	MM	1.03	10.28
7/8/2021	MM	1.06	10.56
8/9/2021	MM	1.03	10.32
9/8/2021	MM	1.03	10.28

Comments:

Spot Size Measurements
 (Quarterly)

Date	Initials	Actual Spot Size nm	Spot Size Hard Limit	Spot Size Evaluation
1/30/2017	PH	149.2	≤ 250 nm	Pass
4/24/2017	PH	149.3	≤ 250 nm	Pass
7/17/2017	PH	138.4	≤ 250 nm	Warning
10/9/2017	PH	152.1	≤ 250 nm	Pass
1/2/2018	PH	151.8	≤ 250 nm	Pass
3/26/2018	PH	163.3	≤ 250 nm	Pass
6/18/2018	PH	173.6	≤ 250 nm	Pass
9/10/2018	PH	170.2	< 250 nm	Pass
12/3/2018	PH	177.6	≤ 250 nm	Pass
2/25/2019	PH	168.7	≤ 250 nm	Pass
5/21/2019	PH	170.8	≤ 250 nm	Pass
8/16/2019	MM	181.8	≤ 250 nm	Pass
12/3/2019	MM	160.1	≤ 250 nm	Pass
3/3/2020	MH	157.7	≤ 250 nm	Pass
6/1/2020	MM	138.9	≤ 250 nm	Pass
9/1/2020	MM	155.7	≤ 250 nm	Pass
12/4/2020	MM	138.6	≤ 250 nm	Pass
3/5/2021	MM	170.8	≤ 250 nm	Pass
6/3/2021	MM	134.0	≤ 250 nm	Pass
9/8/2021	MM	151.2	≤ 250 nm	Pass

Comments:

Monthly Report for TEM Calibrations

Laboratory:

Cinnaminson

Scope:

04-06

Detector:

IXRF

K Factors

(Semi-Annually)

Date	Initials	K Factor	Pass Criteria	Actual	PASS / FAIL	Acceptance Criteria	PASS / FAIL
8/13/2021	MM	<i>Standard Used:</i> BIR1G					
		Na:Si	1.0 - 4.0	1.87	PASS	2SD < 20% Mean	PASS
		Mg:Si	1.0 - 2.0	1.56	PASS	2SD < 10% Mean	PASS
		Al:Si	1.0 - 1.75	1.32	PASS	2SD < 10% Mean	PASS
		Ca:Si	1.0 - 1.75	1.33	PASS	2SD < 10% Mean	PASS
		Fe:Si	1.0 - 2.0	1.64	PASS	2SD < 10% Mean	PASS
		Mg:Fe	1.5 or less	0.95	PASS	N/A	N/A
8/16/2021	MM	<i>Standard Used:</i> Orthoclase					
		Na:Si	1.0 - 4.0	----	N/A	2SD < 20% Mean	N/A
		Al:Si	1.0 - 1.75	----	N/A	2SD < 10% Mean	N/A
		K:Si	1.0 - 1.75	1.17	PASS	2SD < 10% Mean	PASS
Comments:		There was an issue with the detector on scope 04-06 and it was replaced on Aug 13 2021.					

Detector Resolution

(Semi-Annually / Quarterly when necessary to meet TNI Standard)

Date	Initials	@Mn K α Peak		<175?	Resolution + 2(s) <180?
		Resolution	<175?		
8/16/2021	MM	156.3	Pass		Pass
8/18/2021	MM	152.3	Pass		Pass
8/23/2021	MM	156.7	Pass		Pass
8/25/2021	MM	151.6	Pass		Pass

Comments: There was an issue with the detector on scope 04-06 and it was replaced on Aug 13 2021.

Significant Na and Resolvable Mg-Si Peaks

(Quarterly)

Date	Initials	Significant			Resolvable		
		Na	Date		Initials	Mg	Si
8/13/2021	MM	Pass		8/13/21	MM	Yes	Yes
8/16/2021	MM	Pass		8/16/21	MM	Yes	Yes
8/18/2021	MM	Pass		8/18/21	MM	Yes	Yes
8/23/2021	MM	Pass		8/23/21	MM	Yes	Yes
8/25/2021	MM	Pass		8/25/21	MM	Yes	Yes

Comments: There was an issue with the detector on scope 04-06 and it was replaced on Aug 13 2021.



TEM Daily Calibration Report

Lab ID: 04

TEM Scope #: TEM-04-0006

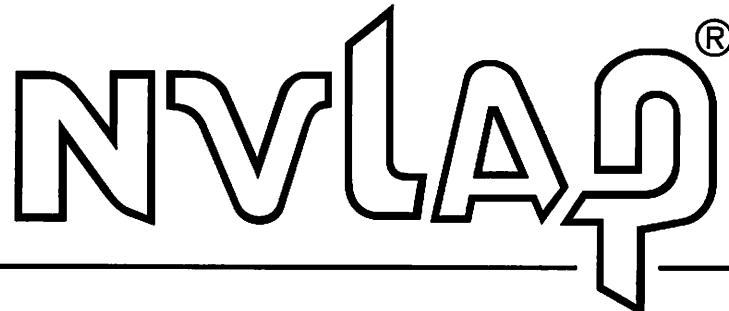
Date Range: 07/26/2021 to 07/26/2021

Date	Analyst	Scope Aligned	AI Peak		Cu Peak		AI Cu Pass/Fail
			Actual	Accepted Range	Actual	Accepted Range	
07/26/2021 08:24	mmcfarland	✓	1.487	1.47-1.49	8.040	8.03-8.05	✓
07/26/2021 15:45	wfroehlich	✓	1.494	1.47-1.49	8.041	8.03-8.05	✓



7. NVLAP/AIHA Certifications

**United States Department of Commerce
National Institute of Standards and Technology**



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

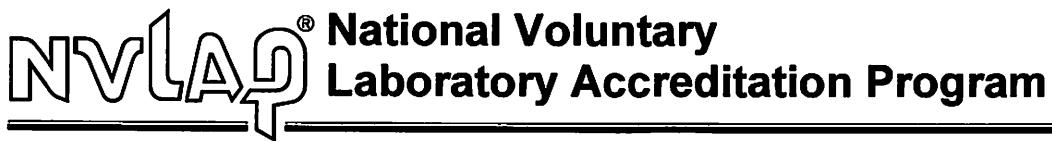
*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2021-07-01 through 2022-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.

200 Route 130 North
Cinnaminson, NJ 08077
Ms. Samantha Rundstrom
Phone: 856-303-2577
Email: srundstrom@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

- | | | |
|-------------------------------------|-----------------------------------|--|
| <input checked="" type="checkbox"/> | INDUSTRIAL HYGIENE | Accreditation Expires: November 01, 2022 |
| <input checked="" type="checkbox"/> | ENVIRONMENTAL LEAD | Accreditation Expires: November 01, 2022 |
| <input checked="" type="checkbox"/> | ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: November 01, 2022 |
| <input type="checkbox"/> | FOOD | Accreditation Expires: |
| <input type="checkbox"/> | UNIQUE SCOPES | Accreditation Expires: |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

A handwritten signature in black ink that reads "Cheryl O. Morton".

*Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC*

Revision19: 09/01/2020

Date Issued: 10/31/2020



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194

Issue Date: 10/31/2020

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/1989

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	-	NIOSH 7400	Asbestos/Fibers
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	EPA 600/R-93/116	Asbestos & Other Fibers in Bulk
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	EPA AHERA - 40 CFR Part 763	Asbestos
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	NIOSH 7402	Asbestos/Fibers
Beryllium Testing	Inductively-Coupled Plasma	ICP/AES	NIOSH 7303 Modified	Beryllium
Beryllium Testing	Inductively-Coupled Plasma	ICP/MS	NIOSH 7300 Modified	Beryllium
Chromatography Core	GC/MS	-	EPA TO-15	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5502 Modified	Aldrin & Lindane
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5503 Modified	Polychlorinated biphenyls
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5510 Modified	Chlordane
Chromatography Core	Gas Chromatography	GC/ECD	OSHA 1010 Modified	Ethylene Oxide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003 Modified	Halogenated Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1005 Modified	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400 Modified	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1500 Modified	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501 Modified	Aromatic Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1550 Modified	Total Petroleum Hydrocarbons

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1603 Modified	Acetic Acid
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000 Modified	Methyl Alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1501	Aromatic Hydrocarbons
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6004 Modified	Sulfur Dioxide/Sulfate
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6011	Chlorine & Bromine
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7903	Inorganic Acids
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-214	Ozone
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-215 (Version 2) Modified	Hexavalent Chromium
Chromatography Core	Liquid Chromatography	HPLC/FL	NIOSH 2016	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5506 Modified	Polynuclear Aromatic Hydrocarbons (PAHs)
Chromatography Core	Liquid Chromatography	LC/MS	NIOSH 9111 Modified	Methamphetamines
Miscellaneous Core	Gravimetric	-	NIOSH 0500	Total Dust
Miscellaneous Core	Gravimetric	-	NIOSH 0600	Respirable Dust
Miscellaneous Core	Gravimetric	-	NIOSH 5524	Metal Working Fluids
Miscellaneous Core	Thermo-optical Analysis (TOA)	-	NIOSH 5040	Elemental Carbon
Spectrometry Core	Atomic Absorption	CVAA	NIOSH 6009 Modified	Mercury
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-140 Modified	Mercury vapor
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-145	Mercury particulate
Spectrometry Core	Atomic Absorption	FAA	NIOSH 7082	Lead
Spectrometry Core	Atomic Absorption	GFAA	NIOSH 7105	Lead
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7300 Modified	Lead
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 7300 Modified	Lead
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 6010	Hydrogen Cyanide
Spectrometry Core	X-ray Diffraction (XRD)	-	NIOSH 7500	Silica
Spectrometry Core	X-ray Diffraction (XRD)	-	OSHA ID-142	Silica

A complete listing of currently accredited IHLAP laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



8. Customer Correspondence



EMSL ANALYTICAL, INC.

9. Shipping Documentation



08077 PHL
STANDARD OVERNIGHT
TUE - 20 JUL AIA
UN WMDA

FedEx 8166 6678 5227

0200

edEX® Package USAirbill

Express Tracking Number
8166 6678 5227

From
Date **7/19/21**

To
Name **Brandon Fierc** Phone **(717) 577-8777**

Address **1300 Cinci Citi** State **PA** Zip **17101**

City **Cincinnati** Dept/Room/Suite **100**

Phone **(717) 577-8777**

Internal Billing Reference

Client **EMSL Analytical**

Phone **(717) 577-8777**

SSN **300 Route 130 North** Hold Weekday
not deliver to P.O. boxes or P.O. ZIP codes.

Dept/Room/Suite/Bldg **Hold Saturday** Hold Saturday
FedEx Standard Overnight
REQUIRES a signature
FedEx Priority Overnight
FedEx 2nd Day Air

Next Business Day

RT **721** * To most locations.
FedEx 2nd Day AM *
Second business day morning *
Saturday Delivery NOT available

2-3 Business Days

RT **721** * To most locations.
FedEx 2nd Day AM *
Second business afternoon *
Saturday Delivery NOT available

Overnight

RT **721** * To most locations.
FedEx Express Saver
Second business day overnight *
Saturday Delivery NOT available

Decrement value limit \$500.

FedEx Pak* FedEx Box FedEx Tube Other

Sign and Delivery Signature Options Free may apply. See the FedEx Service Guide.

No Signature Required NOT available for FedEx Standard Overnight, FedEx 2nd Day AM, or FedEx Express Saver.
Package must be left without obtaining a signature for delivery.

Direct Signature If no one is available at recipient's address, someone at a neighboring address may sign for a delivery. For residential deliveries only.
Someone at recipient's address may sign for delivery.

Yes One box must be checked.
As per attached
Shipping Declaration
Shopper's Delight
not required

Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for a delivery. For residential deliveries only.
Recipient's address

Dry Ice On request
Dry Ice, UN 1845

Cargo Aircraft Only

7 Payment Bill to:
Enter FedEx Acct. No. below.
Obtain recip.
FedEx Acct. No.

Sender Recipient Third Party

Total Packages **1** Total Weight **1.00 lbs.**

For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Rev. Date 4/19 • Part # 0702 • © 2012-2019 FedEx • PRINTED IN U.S.A.



EMSL ANALYTICAL, INC.

EMSL Analytical, Inc.

Asbestos Data Package

EMSL Order ID: 162117704

**Environmental Quality Management, Inc.
Julio Properties**

Prepared By: EMSL Indianapolis

Date: October 5, 2021



EMSL ANALYTICAL, INC.

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6. Equipment Performance Checks
7. NVLAP/AIHA Certifications
8. Customer Correspondence
9. Shipping Documentation



EMSL ANALYTICAL, INC.

1. Case Narrative



EMSL ANALYTICAL, INC.

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

PHONE: (800) 220-3675
FAX: (856) 858-4960

September 30, 2021

Angye Dragotta
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240
adragotta@eqm.com

Re: Narrative: PCM NIOSH 7400; 162117704; Julio Properties

Dear Angye :

On August 6, 2021, EMSL Analytical, Inc. in Indianapolis, IN received eleven (11) air samples for analysis of fiber concentration via PCM NIOSH 7400. All samples were received via FedEx delivery under Chain of Custody from Environmental Quality Management, Inc. in good condition. The samples were logged in following normal lab procedures.

PCM NIOSH 7400 Method, Issue 3, 6/14/19

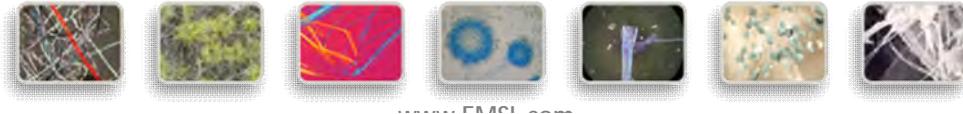
The samples were analyzed via phase contrast microscopy (PCM) using the procedures from NIOSH 7400 Method, Issue 3, 6/14/19. Fields counted can range from a minimum of 20 fields to a maximum of 100 fields. A stopping rule was applied per the NIOSH Method with termination reached upon completion of the field containing the 100th fiber with a minimum of 20 fields analyzed. If <100 fibers are counted then 100 fields were read. All fibers greater than 5.0 um in length with an aspect ratio of >3:1 were reported.

Quality Control Performed

Quality Control for this project was performed in compliance with EMSL's Quality Assurance Manual.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. In addition, I certify, that to the best of my knowledge and belief, the data as reported are true and accurate. Release of the data contained in this data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Melissa Newkirk
Melissa Newkirk
Asbestos Laboratory Manager
EMSL Indianapolis, IN





EMSL ANALYTICAL, INC.

2. Tabulated Sample Results



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislab@emsl.com

EMSL Order: 162117704

Customer ID: ENVQ51

Customer PO: 0087

Project ID:

Attention: Angye Dragotta
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (800) 500-0575

Fax: (513) 825-7495

Received Date: 08/06/2021 09:50 AM

Analysis Date: 08/06/2021

Collected Date: 08/02/2021 - 08/04/2021

Project: Julio Properties / 0087

**Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules,
Revision 3, Issue 3, 6/15/2019**

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
JP-AAS-H-UW-080221 <i>162117704-0001</i>		08/02/2021	4572	<5.5	100	0.0006	<7.01	<0.0006	
JP-AAS-H-DW-080221 <i>162117704-0002</i>		08/02/2021	4524	<5.5	100	0.0006	<7.01	<0.0006	
JP-AAS-H-CW1-080221 <i>162117704-0003</i>		08/02/2021	4559	<5.5	100	0.0006	<7.01	<0.0006	
JP-AAS-H-CW2-080221 <i>162117704-0004</i>		08/02/2021	4501	<5.5	100	0.0006	<7.01	<0.0006	
JP-FB2-080221 <i>162117704-0005</i>		08/02/2021		<5.5	100		<7.01		Field Blank
JP-EB-080221 <i>162117704-0006</i>		08/02/2021		<5.5	100		<7.01		Field Blank
JP-AAS-H-UW-080421 <i>162117704-0007</i>		08/04/2021	3063	<5.5	100	0.0009	<7.01	<0.0009	
JP-AAS-H-DW-080421 <i>162117704-0008</i>		08/04/2021	3952	<5.5	100	0.0007	<7.01	<0.0007	
JP-AAS-H-CW1-080421 <i>162117704-0009</i>		08/04/2021	4281	<5.5	100	0.0006	<7.01	<0.0006	
JP-AAS-H-CW2-080421 <i>162117704-0010</i>		08/04/2021	3796	6.2	100	0.0007	7.90	0.0008	
JP-FB2-080421 <i>162117704-0011</i>		08/04/2021		<5.5	100		<7.01		Field Blank

The results reported have been blank corrected as applicable.

Analyst(s):

Melissa Newkirk PCM 11

Richard Harding, Laboratory Manager
or other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm²) have greater than optimal variability and are probably biased. Field blank results, when available, are used to blank correct results. NIOSH 7400 requires field blanks be submitted at a rate of 10%, with a minimum of 2 per set. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted.

Intra-laboratory Sr values: 5-20 fibers = 0.31, 21-50 fibers = 0.16, 51-100 fibers = 0.20. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.34.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LAP, LLC-IHLAP 157245, NY ELAP 12130, AZ0939, CO AL-15132, TX 300262

Initial report from: 08/06/2021 02:08 PM



EMSL ANALYTICAL, INC.

3. Worksheets/ Bench Sheets

PCM Asbestos Analysis

Special Instructions:

 Print Date 08/06/2021
 Due Date 08/09/2021

Sample Number	162117704-0001	Analyst	mnewkirk
Customer Sample No.	JP-AAS-H-UW-080221	Analysis Date	8/6/2021 2:00:11PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
2.7	100	4572.00	0.0006
			<7.01
			<0.0006
Sample Number	162117704-0002	Analyst	mnewkirk
Customer Sample No.	JP-AAS-H-DW-080221	Analysis Date	8/6/2021 2:01:17PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
0	100	4524.00	0.0006
			<7.01
			<0.0006
Sample Number	162117704-0003	Analyst	mnewkirk
Customer Sample No.	JP-AAS-H-CW1-080221	Analysis Date	8/6/2021 2:01:52PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
0.2	100	4559.00	0.0006
			<7.01
			<0.0006
Sample Number	162117704-0004	Analyst	mnewkirk
Customer Sample No.	JP-AAS-H-CW2-080221	Analysis Date	8/6/2021 2:02:43PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
0	100	4501.00	0.0006
			<7.01
			<0.0006
Sample Number	162117704-0005	Analyst	mnewkirk
Customer Sample No.	JP-FB2-080221	Analysis Date	8/6/2021 2:03:19PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
0	100	0.00	
			<7.01
Sample Number	162117704-0006	Analyst	mnewkirk
Customer Sample No.	JP-EB-080221	Analysis Date	8/6/2021 2:04:00PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
1	100	0.00	
			<7.01

PCM Asbestos Analysis

Special Instructions:

Print Date 08/06/2021
Due Date 08/09/2021

Sample Number	162117704-0007	Analyst	mnewkirk
Customer Sample No.	JP-AAS-H-UW-080421	Analysis Date	8/6/2021 2:04:40PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
3.7	100	3063.00	0.0009
Sample Number	162117704-0008	Analyst	mnewkirk
Customer Sample No.	JP-AAS-H-DW-080421	Analysis Date	8/6/2021 2:05:13PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
1.7	100	3952.00	0.0007
Sample Number	162117704-0009	Analyst	mnewkirk
Customer Sample No.	JP-AAS-H-CW1-080421	Analysis Date	8/6/2021 2:06:10PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
4.7	100	4281.00	0.0006
Sample Number	162117704-0010	Analyst	mnewkirk
Customer Sample No.	JP-AAS-H-CW2-080421	Analysis Date	8/6/2021 2:06:55PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
6.2	100	3796.00	0.0007
Sample Number	162117704-0011	Analyst	mnewkirk
Customer Sample No.	JP-FB2-080421	Analysis Date	8/6/2021 2:07:37PM
Matrix	Air	Status	None
Acetone Lot	ASB-16-21-18	Scope Number	PCM-16-0001
Triacetin Lot	ASB-16-19-05		
Comments:			
<u>Fibers</u>	<u>Fields</u>	<u>Volume</u>	<u>LOD</u>
0	100	0.00	<7.01



EMSL ANALYTICAL, INC.

4. QC Data Reports/Logs

EMSL PCM CV ANALYSIS

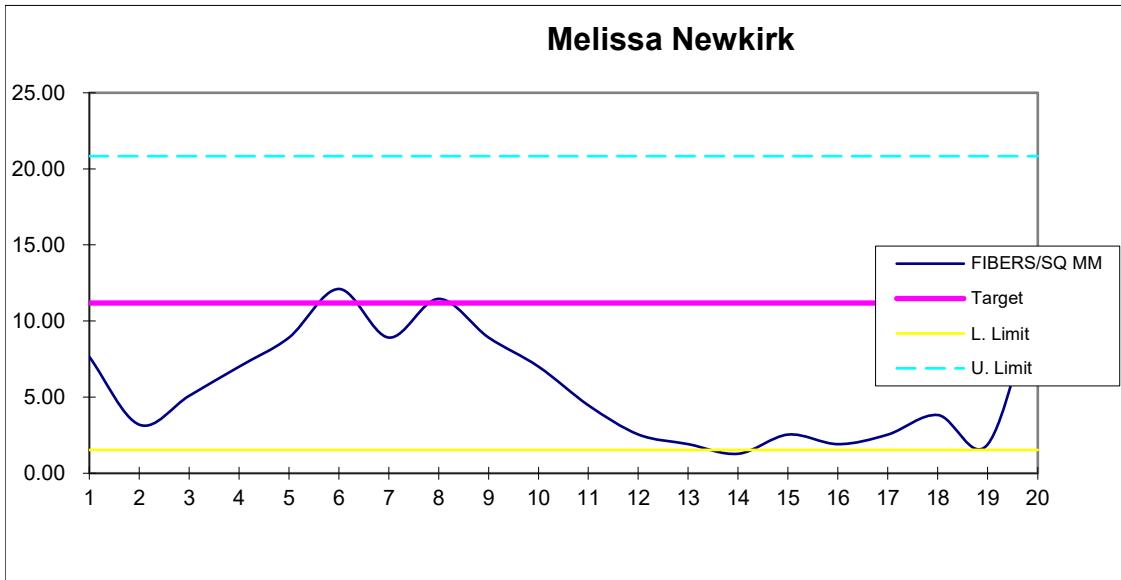
Indianapolis

Slide A1: 5-20 fibers/100 fields

Analyst: **Melissa Newkirk**

DATE	FIBERS	FIELDS	FIBERS/SQ MM	Target	L. Limit	U. Limit
9/10/2019	6.0	100	7.64	11.19	1.54	20.84
11/12/2019	2.5	100	3.18	11.19	1.54	20.84
1/30/2020	4.0	100	5.10	11.19	1.54	20.84
8/4/2020	5.5	100	7.01	11.19	1.54	20.84
9/22/2020	7.0	100	8.92	11.19	1.54	20.84
10/7/2020	9.5	100	12.10	11.19	1.54	20.84
10/27/2020	7.0	100	8.92	11.19	1.54	20.84
12/9/2020	9.0	100	11.46	11.19	1.54	20.84
1/26/2021	7.0	100	8.92	11.19	1.54	20.84
2/10/2021	5.5	100	7.01	11.19	1.54	20.84
2/26/2021	3.5	100	4.46	11.19	1.54	20.84
3/9/2021	2.0	100	2.55	11.19	1.54	20.84
5/10/2021	1.5	100	1.91	11.19	1.54	20.84
6/1/2021	1.0	100	1.27	11.19	1.54	20.84
6/9/2021	2.0	100	2.55	11.19	1.54	20.84
7/6/2021	1.5	100	1.91	11.19	1.54	20.84
8/6/2021	2.0	100	2.55	11.19	1.54	20.84
8/23/2021	3.00	100	3.82	11.19	1.54	20.84
9/10/2021	1.5	100	1.91	11.19	1.54	20.84
9/23/2021	9.5	100	12.10	11.19	1.54	20.84

SUM	115.29
MEAN	5.76
STANDARD DEVIATION	3.59
CV:	0.62





EMSL ANALYTICAL, INC.

5. Client and EMSL Internal Chains of Custody

INTERNAL CHAIN OF CUSTODY**Order ID: 162117704**

8/6/2021 11:04:46 AM

Attn: Angye Dragotta
 Environmental Quality Management, Inc.
 1800 Carillon Blvd
 Cincinnati, OH 45240

Fax: (513) 825-7495 Phone: (800) 500-0575
 Project: Julio Properties / 0087

Customer ID: ENVQ51
 Customer PO: 0087
 Received: 08/06/21 9:50 AM
 EMSL Order: 162117704
 EMSL Proj ID:
 Cust COC ID
 Project Type: Standard

8/9

SS

REPORT TO INSTRUCTIONS

- Send Receipt Confirmation Emails Project ID required
 No electronic signatures Cust. COC ID required
 Billing Frequency Miscellaneous account

With Report -- Create and send an invoice for each Order ID

Accounting Terms: N45

Sales Rep and Comment: aderosa

BILL TO INSTRUCTIONS

- Exempt from prep charge Authorization to use credit card
 Exempt from off hour min charges P.O. Required
 Exempt from layer/aliquot charges

Billing Frequency

With Report -- Create and send an invoice for each Order ID

Use Billing Contact:

Accounting Terms: N45

Payment Directions: With Report

Instructions

Instructions

--PO must be on all correspondence
 -terms & conditions apply to PO's

Internal Comment

Test: PCM**Matrix** Air**TAT:** 24 Hour**Qty:** 11**Desc:** Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Met

- Lab Opening Exempt For Test Prep Charge Exempt For Test
 Layer/Aliquot Charge Exempt For Test Free Shipping Eligible

Logged: Stownsend 8/6/2021**Signoff:** Stownsend 8/6/2021**Sample Condition:** Acceptable Unacceptable

Date 8/6/21

Prepped: AP**Analyzed:** MAN**Data Entry****Screened:** AMV**Mailed:****Scanned Internal Docs:**

Date 8/6/21

Date 8/6/21

Date 8/6/21

Date 08/06/2021

Date 8/6/21

Date 8/6/21

Special Test Instructions

Lab Sample #	Cust. Sample #	Location	Due Date
162117704-0001	JP-AAS-H-UW-080221		8/9/2021 9:50:00 AM
162117704-0002	JP-AAS-H-DW-080221		8/9/2021 9:50:00 AM
162117704-0003	JP-AAS-H-CW1-080221		8/9/2021 9:50:00 AM
162117704-0004	JP-AAS-H-CW2-080221		8/9/2021 9:50:00 AM
162117704-0005	JP-FB2-080221		8/9/2021 9:50:00 AM
162117704-0006	JP-EB-080221		8/9/2021 9:50:00 AM
162117704-0007	JP-AAS-H-UW-080421		8/9/2021 9:50:00 AM
162117704-0008	JP-AAS-H-DW-080421		8/9/2021 9:50:00 AM

INTERNAL CHAIN OF CUSTODY**Order ID: 162117704****8/6/2021 11:04:46 AM**

Attn: Angye Dragotta
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240
Customer ID: ENVQ51
Customer PO: 0087
Received: 08/06/21 9:50 AM

Fax: (513) 825-7495 Phone: (800) 500-0575
Project: Juilio Properties / 0087
EMSL Order: 162117704
EMSL Proj ID:
Cust COC ID
Project Type: Standard

Lab Sample #	Cust. Sample #	Location	Due Date
162117704-0009	JP-AAS-H-CW1-080421		8/9/2021 9:50:00 AM
162117704-0010	JP-AAS-H-CW2-080421		8/9/2021 9:50:00 AM
162117704-0011	JP-FB2-080421		8/9/2021 9:50:00 AM

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS & TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

162117704

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: E&M		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1800 CARILLON BLVD		Third Party Billing requires written authorization from third party	
City: CINCINNATI	State/Province: OH	Zip/Postal Code: 45240	Country: US
Report To (Name): ANGUE DRAGOTTA		Telephone #: 513-579-8196	
Email Address: ADRAGOTTA@E&M.COM		Fax #:	Purchase Order:
Project Name/Number: JULID PROPERTIES/0087		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: MICHIGAN		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* -- Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 SEE COMMENTS <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Other: <input type="checkbox"/>
<input type="checkbox"/> Check For Positive Stop – Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm

Samplers Name:	Samplers Signature:	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
		10		
		Sample Description		
		#		
JP-AAS-H-UW-080221		4572 L		08/02/2021 0845-1622
JP-AAS-L-UW-080221		1147 L		08/02/2021 0845-1622
JP-AAS-H-DW-080221		4524 L		08/02/2021 0855-1622
JP-AAS-L-DW-080221		1132 L		08/02/2021 0855-1622
JP-AAS-H-CW1-080221		4559 L		08/02/2021 0844-1624
JP-AAS-L-CW1-080221		1139 L		08/02/2021 0844-1624
JP-AAS-H-CW2-080221		4501 L		08/02/2021 0902-1632
JP-AAS-L-CW2-080221		1125 L		08/02/2021 0902-1632

Client Sample # (s):

Total # of Samples: **19**Relinquished (Client): **ASHTON E. MILLER USEPA** Date: **08/05/2021**Time: **1400**Received (Lab): **PREDEX** Date: **08/05/2021**Time: **1400**

Comments/Special Instructions: DO NOT ANALYZE LOW VOLUME ASBESTOS CASSETTE UNLESS CORRESPONDING HIGH VOLUME CASSETTE IS OVERLOADED. ANALYZE HIGH VOLUME CASSETTE VIA NIOSH 7402 (TEM) IF PCM RESULTS EXCEED 0.001 F/CC

RCVD: **2021 8/6/21 9:50am ET**RESULTS ALSO TO **JBLINCLEY@MANNSWICSMITHGRDLAW.COM**



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EML Order Number (Lab Use Only):

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077

PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information.

*Comments/Special Instructions: SEE NOTES/COMMENTS ON PAGE 1.

 MSG
ISEPA

Page 2 of 2 pages



6. Equipment Performance Checks



PCM Calibration Records

Lab ID: 16

PCM Scope #: PCM-16-0001

Date Range: 08/06/2021 to 08/06/2021

Daily

Weekly

Resolution Check

Verify Walton Beckett Graticule

Date	Analyst	Alignment	Phase Ring Alignment	Resolution Test Slide	Last Fully Visible	First Completely Invisible	Stage Micrometer Serial Number	Diameter (μm)	Calculated Area (mm ²)
08/06/2021 07:33	mnewkirk	✓	✓	ResolutionTestSlide-16-0001	3	6	Micrometer-16-0001	100	0.00785



Tally Counter Calibration Records

Lab ID: 16

Date Range: 08/01/2021 to 08/06/2021

Date	Tally Counter ID	Analyst	Tally Counter is a Keyboard	Calibration				
				Pass	Clicks	Fibers	Half Fibers	Fields
08/02/2021 09:37	TallyCounter-16-0001	astraw		✓	100	N/A	N/A	N/A
08/02/2021 09:37	TallyCounter-16-0002	astraw		✓	100	N/A	N/A	N/A
08/02/2021 09:37	TallyCounter-16-0003	astraw		✓	100	N/A	N/A	N/A
08/02/2021 09:37	TallyCounter-16-0005	astraw		✓	100	N/A	N/A	N/A
08/02/2021 09:37	TallyCounter-16-0006	astraw		✓	100	N/A	N/A	N/A
08/02/2021 09:37	TallyCounter-16-0007	astraw		✓	100	N/A	N/A	N/A



7. NVLAP/AIHA Certifications



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

6340 Castleplace Drive Indianapolis, IN 46250

Laboratory ID: LAP-157245

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

- | | | |
|-------------------------------------|----------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> | INDUSTRIAL HYGIENE | Accreditation Expires: June 01, 2023 |
| <input checked="" type="checkbox"/> | ENVIRONMENTAL LEAD | Accreditation Expires: June 01, 2023 |
| <input checked="" type="checkbox"/> | ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: June 01, 2023 |
| <input type="checkbox"/> | FOOD | Accreditation Expires: |
| <input type="checkbox"/> | UNIQUE SCOPES | Accreditation Expires: |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

A handwritten signature in black ink that reads "Cheryl O. Morton".

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.

6340 Castleplace Drive Indianapolis, IN 46250

Laboratory ID: LAP-157245

Issue Date: 05/31/2021

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 12/01/2005

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	-	NIOSH 7400	Asbestos/Fibers
Chromatography Core	GC/MS	-	EPA TO-15	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5503	PCB's
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003	Halogenated Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501	Aromatic Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000	Methanol
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-215 (Version 2)	Hexavalent Chromium
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2016	Formaldehyde
Miscellaneous Core	Gravimetric	-	NIOSH 0500	Total Dust
Miscellaneous Core	Gravimetric	-	NIOSH 0600	Respirable Dust
Spectrometry Core	Atomic Absorption	CVAA	NIOSH 6009	Mercury
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-140	Mercury
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-145	Mercury
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 7300	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 7303	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7300	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7303	Metals

Effective: 11/21/2019

Revision: 9

Page 1 of 2



IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Spectrometry Core	X-ray Diffraction (XRD)	-	NIOSH 7500	Silica
Spectrometry Core	X-ray Diffraction (XRD)	-	OSHA ID-142	Silica

A complete listing of currently accredited IHLAP laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



8. Customer Correspondence

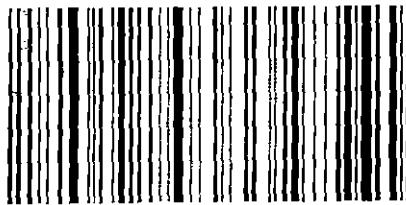


EMSL ANALYTICAL, INC.

9. Shipping Documentation

FRI - 06 AUG AA
STANDARD OVERNIGHT

46250

IN-US
IND

/BAF3/1803

FedEx Package
US Airbill

FedEx
Tracking
Number

8156 6678 5135

Form ID No. 0200



Prepared by:

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

From		
Date	2013-08-06	
Shipper's Name	[Redacted]	
Company	[Redacted]	
Address	[Redacted] Dept/Floor/Suite/Rm: [Redacted]	
City	[Redacted] 33407	

2 Your Internal Billing Reference

To	Residence Name	Phone
[Redacted]		[Redacted]
Company	[Redacted]	

Address: [Redacted]
*except deliver to P.O. boxes or P.O. ZIP codes.
Dept/Floor/Suite Rm: [Redacted]

Address: [Redacted]
Use * for the HOLD location address or for continuation of your shipping address.

City: [Redacted] State: [Redacted] ZIP: [Redacted]

Hold Weekly
*except Sunday address
FedEx NOT available for
FedEx First Overnight.

Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required
Package may be left without
obtaining a signature for delivery.

Direct Signature
Someone at recipient's address
may sign for delivery.

Indirect Signature
If no one is available at recipient's
address, someone at a neighboring
address may sign for delivery for
residential deliveries only.

Does this shipment contain dangerous goods?

Yes
As per attached
Shipper's Declaration
not required
 Dry Ice
Dry Ice & UN 1845
 Cargo Aircraft Only

Restrictions apply for dangerous goods - see the current FedEx Service Guide.

7 Payment Bill to:

Sender
Acc No in Section
[Redacted]

Recipient
[Redacted]

Third Party
[Redacted]

Enter FedEx Acc No. below.

Acc No:
FedEx Acc No:

Total Packages Total Weight



**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone: (317) 803-2997 Fax: (317) 803-3047 Email: indianapolislab@emsl.com

Attn: **Angye Dragotta**
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (513) 825-7500
Fax: (513) 825-7495

7/22/2021

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 7/22/2021. The results are tabulated on the attached data pages for the following client designated project:

JULIO PROPERTIES / 0087

The reference number for these samples is EMSL Order #162116018. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (317) 803-2997.

Approved By:

A handwritten signature in blue ink that reads "Allison Ford".

Allison Ford, Chemistry Lab Manager

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements unless specifically indicated. The final results are not blank corrected unless specifically indicated. The laboratory is not responsible for final results calculated using air volumes that have been provided by non-laboratory personnel. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.


EMSL Analytical, Inc.

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com>indianapolislab@emsl.com

EMSL Order:	162116018
CustomerID:	ENVQ51
CustomerPO:	0087
ProjectID:	

Attn: **Angye Dragotta**
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (513) 825-7500
Fax: (513) 825-7495
Received: 7/22/2021 10:00 AM
Collected: 7/17/2021

Project: **JULIO PROPERTIES / 0087**

Analytical Results

Client Sample Description	JP-MAS-BG1-071421	Collected:	7/14/2021	Lab ID:	162116018-0001
----------------------------------	-------------------	-------------------	-----------	----------------	----------------

Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.030	0.030	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.030	0.030	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-BG2-071421	Collected:	7/14/2021	Lab ID:	162116018-0002
----------------------------------	-------------------	-------------------	-----------	----------------	----------------

Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.030	0.030	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.030	0.030	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-BG3-071421	Collected:	7/14/2021	Lab ID:	162116018-0003
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.031	0.031	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.031	0.031	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-BG4-071421	Collected:	7/14/2021	Lab ID:	162116018-0004
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.031	0.031	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.031	0.031	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-FB1-071421	Collected:	7/14/2021	Lab ID:	162116018-0005
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.050	0.050	µg/filter	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.050	0.050	µg/filter	7/22/2021	AF	7/22/2021	AF


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EMSL Order:	162116018
CustomerID:	ENVQ51
CustomerPO:	0087
ProjectID:	

Attn: **Angye Dragotta**
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (513) 825-7500
Fax: (513) 825-7495
Received: 7/22/2021 10:00 AM
Collected: 7/17/2021

Project: **JULIO PROPERTIES / 0087**

Analytical Results

Client Sample Description	JP-MAS-DW-071521	Collected:	7/15/2021	Lab ID:	162116018-0006
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.028	0.028	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.028	0.028	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-UW-071521	Collected:	7/15/2021	Lab ID:	162116018-0007
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.030	0.030	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.030	0.030	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-CW1-071521	Collected:	7/15/2021	Lab ID:	162116018-0008
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.029	0.029	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.029	0.029	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-CW2-071521	Collected:	7/15/2021	Lab ID:	162116018-0009
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.029	0.029	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.029	0.029	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-FB1-071521	Collected:	7/15/2021	Lab ID:	162116018-0010
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.050	0.050	µg/filter	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.050	0.050	µg/filter	7/22/2021	AF	7/22/2021	AF


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EMSL Order:	162116018
CustomerID:	ENVQ51
CustomerPO:	0087
ProjectID:	

Attn: **Angye Dragotta**
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (513) 825-7500
Fax: (513) 825-7495
Received: 7/22/2021 10:00 AM
Collected: 7/17/2021

Project: **JULIO PROPERTIES / 0087**

Analytical Results

Client Sample Description	JP-MAS-DW-071621	Collected:	7/16/2021	Lab ID:	162116018-0011
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.028	0.028	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	0.13	0.028	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-UW-071621	Collected:	7/16/2021	Lab ID:	162116018-0012
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.027	0.027	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.027	0.027	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-CW1-071621	Collected:	7/16/2021	Lab ID:	162116018-0013
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.027	0.027	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	0.041	0.027	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-CW2-071621	Collected:	7/16/2021	Lab ID:	162116018-0014
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.029	0.029	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.029	0.029	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-FB1-071621	Collected:	7/16/2021	Lab ID:	162116018-0015
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.050	0.050	µg/filter	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.050	0.050	µg/filter	7/22/2021	AF	7/22/2021	AF


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EMSL Order:	162116018
CustomerID:	ENVQ51
CustomerPO:	0087
ProjectID:	

Attn: **Angye Dragotta**
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (513) 825-7500
Fax: (513) 825-7495
Received: 7/22/2021 10:00 AM
Collected: 7/17/2021

Project: **JULIO PROPERTIES / 0087**

Analytical Results

Client Sample Description	JP-MAS-DW-071721	Collected:	7/17/2021	Lab ID:	162116018-0016
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.039	0.039	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.039	0.039	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-UW-071721	Collected:	7/17/2021	Lab ID:	162116018-0017
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.037	0.037	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	0.058	0.037	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-CW1-071721	Collected:	7/17/2021	Lab ID:	162116018-0018
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.037	0.037	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.037	0.037	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-MAS-CW2-071721	Collected:	7/17/2021	Lab ID:	162116018-0019
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.038	0.038	µg/m³	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.038	0.038	µg/m³	7/22/2021	AF	7/22/2021	AF

Client Sample Description	JP-FB1-071721	Collected:	7/17/2021	Lab ID:	162116018-0020
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Method	Parameter	Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS								
7300 Modified	Arsenic	<0.050	0.050	µg/filter	7/22/2021	AF	7/22/2021	AF
7300 Modified	Lead	<0.050	0.050	µg/filter	7/22/2021	AF	7/22/2021	AF



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EMSL Order:	162116018
CustomerID:	ENVQ51
CustomerPO:	0087
ProjectID:	

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

aford

8/9/2021 1:54:09PM

QC Batch Summary

Log Book #	
Page	

Batch:	16Q210722-MSa2	Created:	7/22/21 3:21 pm	Test	C-Metals by ICP-MS
Instrument:	16-Nexion350	By:	aford	Method:	7300 Modified
Initial Cal Std				Matrix:	Cassettes
Cal Check Std		Samples:			
Internal Std	162116018-0001	162116018-0006	162116018-0011	162116018-0016	
LCS Std	162116018-0002	162116018-0007	162116018-0012	162116018-0017	
MS Std	162116018-0003	162116018-0008	162116018-0013	162116018-0018	
	162116018-0004	162116018-0009	162116018-0014	162116018-0019	
	162116018-0005	162116018-0010	162116018-0015	162116018-0020	

Blanks

Lab Sample

Method Blank[1]

Analyte	Volume L			Reported Concentration	Measured Concentration	Analyzed 7/22/21 4:34 pm
		DF	RL	0.023 µg/filter	0.47 ppb	
Arsenic		1.00	0.050	0.023 µg/filter	0.47 ppb	7/22/21 4:34 pm
Lead		1.00	0.050	0.0031 µg/filter	0.062 ppb	7/22/21 4:34 pm

Samples

Lab Sample Client Sample

162116018-0001 JP-MAS-BG1-071421

Analyte	Volume L			Reported Concentration	Measured Concentration	Analyzed 7/22/21 4:39 pm
		DF	RL	0.017 µg/m³	0.55 ppb	
Arsenic	1642	1.00	0.030	0.017 µg/m³	0.55 ppb	7/22/21 4:39 pm
Lead	1642	1.00	0.030	0.025 µg/m³	0.82 ppb	7/22/21 4:39 pm

162116018-0002 JP-MAS-BG2-071421

Analyte	Volume L			Reported Concentration	Measured Concentration	Analyzed 7/22/21 4:41 pm
		DF	RL	0.014 µg/m³	0.47 ppb	
Arsenic	1642	1.00	0.030	0.014 µg/m³	0.47 ppb	7/22/21 4:41 pm
Lead	1642	1.00	0.030	0.0025 µg/m³	0.083 ppb	7/22/21 4:41 pm

162116018-0003 JP-MAS-BG3-071421

Analyte	Volume L			Reported Concentration	Measured Concentration	Analyzed 7/22/21 4:42 pm
		DF	RL	0.012 µg/m³	0.40 ppb	
Arsenic	1593	1.00	0.031	0.012 µg/m³	0.40 ppb	7/22/21 4:42 pm
Lead	1593	1.00	0.031	0.0014 µg/m³	0.044 ppb	7/22/21 4:42 pm

162116018-0004 JP-MAS-BG4-071421

Analyte	Volume L			Reported Concentration	Measured Concentration	Analyzed 7/22/21 4:43 pm
		DF	RL	0.013 µg/m³	0.41 ppb	
Arsenic	1602	1.00	0.031	0.013 µg/m³	0.41 ppb	7/22/21 4:43 pm
Lead	1602	1.00	0.031	0.0025 µg/m³	0.080 ppb	7/22/21 4:43 pm

162116018-0005 JP-FB1-071421

Analyte	Volume L			Reported Concentration	Measured Concentration	Analyzed 7/22/21 4:49 pm
		DF	RL	0.020 µg/filter	0.40 ppb	
Arsenic		1.00	0.050	0.020 µg/filter	0.40 ppb	7/22/21 4:49 pm
Lead		1.00	0.050	0.030 µg/filter	0.59 ppb	7/22/21 4:49 pm

162116018-0006 JP-MAS-DW-071521

Analyte	Volume L			Reported Concentration	Measured Concentration	Analyzed 7/22/21 4:50 pm
		DF	RL	0.012 µg/m³	0.43 ppb	
Arsenic	1762	1.00	0.028	0.012 µg/m³	0.43 ppb	7/22/21 4:50 pm

aford

8/9/2021 1:54:14PM

QC Batch Summary

Log Book #	
Page	

Batch:	16Q210722-MSa2	Created:	7/22/21 3:21 pm	Test	C-Metals by ICP-MS
Instrument:	16-Nexion350	By:	aford	Method:	7300 Modified
Initial Cal Std				Matrix:	Cassettes
Cal Check Std					
Internal Std					
LCS Std					
MS Std					
		Samples:			
		162116018-0001	162116018-0006	162116018-0011	162116018-0016
		162116018-0002	162116018-0007	162116018-0012	162116018-0017
		162116018-0003	162116018-0008	162116018-0013	162116018-0018
		162116018-0004	162116018-0009	162116018-0014	162116018-0019
		162116018-0005	162116018-0010	162116018-0015	162116018-0020

Samples

Lab Sample	Client Sample						
162116018-0006	JP-MAS-DW-071521						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Lead	1762	1.00	0.028	0.0015 µg/m³	0.052 ppb	7/22/21	4:50 pm
162116018-0007	JP-MAS-UW-071521						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1678	1.00	0.030	0.012 µg/m³	0.40 ppb	7/22/21	4:52 pm
Lead	1678	1.00	0.030	0.0044 µg/m³	0.15 ppb	7/22/21	4:52 pm
162116018-0008	JP-MAS-CW1-071521						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1734	1.00	0.029	0.012 µg/m³	0.41 ppb	7/22/21	4:53 pm
Lead	1734	1.00	0.029	0.0019 µg/m³	0.066 ppb	7/22/21	4:53 pm
162116018-0009	JP-MAS-CW2-071521						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1722	1.00	0.029	0.011 µg/m³	0.39 ppb	7/22/21	4:54 pm
Lead	1722	1.00	0.029	0.0016 µg/m³	0.054 ppb	7/22/21	4:54 pm
162116018-0010	JP-FB1-071521						
Analyte	Volume	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic		1.00	0.050	0.020 µg/filter	0.40 ppb	7/22/21	4:56 pm
Lead		1.00	0.050	0.0081 µg/filter	0.16 ppb	7/22/21	4:56 pm
162116018-0011	JP-MAS-DW-071621						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1761	1.00	0.028	0.012 µg/m³	0.43 ppb	7/22/21	4:57 pm
Lead	1761	1.00	0.028	0.13 µg/m³	4.6 ppb	7/22/21	4:57 pm
162116018-0012	JP-MAS-UW-071621						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1829	1.00	0.027	0.010 µg/m³	0.38 ppb	7/22/21	4:58 pm
Lead	1829	1.00	0.027	0.0095 µg/m³	0.35 ppb	7/22/21	4:58 pm

aford

8/9/2021 1:54:14PM

QC Batch Summary

Log Book #	
Page	

Batch:	16Q210722-MSa2	Created:	7/22/21 3:21 pm	Test	C-Metals by ICP-MS
Instrument:	16-Nexion350	By:	aford	Method:	7300 Modified
Initial Cal Std				Matrix:	Cassettes
Cal Check Std		Samples:			
Internal Std	162116018-0001	162116018-0006	162116018-0011	162116018-0016	
LCS Std	162116018-0002	162116018-0007	162116018-0012	162116018-0017	
MS Std	162116018-0003	162116018-0008	162116018-0013	162116018-0018	
	162116018-0004	162116018-0009	162116018-0014	162116018-0019	
	162116018-0005	162116018-0010	162116018-0015	162116018-0020	

Samples

Lab Sample	Client Sample						
162116018-0013	JP-MAS-CW1-071621						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1829	1.00	0.027	0.011 µg/m³	0.40 ppb	7/22/21	5:00 pm
Lead	1829	1.00	0.027	0.041 µg/m³	1.5 ppb	7/22/21	5:00 pm
162116018-0014	JP-MAS-CW2-071621						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1705	1.00	0.029	0.010 µg/m³	0.34 ppb	7/22/21	5:01 pm
Lead	1705	1.00	0.029	0.0086 µg/m³	0.29 ppb	7/22/21	5:01 pm
162116018-0015	JP-FB1-071621						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic		1.00	0.050	0.019 µg/filter	0.38 ppb	7/22/21	5:14 pm
Lead		1.00	0.050	0.0039 µg/filter	0.078 ppb	7/22/21	5:14 pm
162116018-0016	JP-MAS-DW-071721						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1292	1.00	0.039	0.016 µg/m³	0.41 ppb	7/22/21	5:15 pm
Lead	1292	1.00	0.039	0.0041 µg/m³	0.11 ppb	7/22/21	5:15 pm
162116018-0017	JP-MAS-UW-071721						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1347	1.00	0.037	0.014 µg/m³	0.39 ppb	7/22/21	5:16 pm
Lead	1347	1.00	0.037	0.058 µg/m³	1.6 ppb	7/22/21	5:16 pm
162116018-0018	JP-MAS-CW1-071721						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1357	1.00	0.037	0.015 µg/m³	0.41 ppb	7/22/21	5:17 pm
Lead	1357	1.00	0.037	0.012 µg/m³	0.33 ppb	7/22/21	5:17 pm
162116018-0019	JP-MAS-CW2-071721						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Arsenic	1307	1.00	0.038	0.015 µg/m³	0.38 ppb	7/22/21	5:19 pm
Lead	1307	1.00	0.038	0.011 µg/m³	0.30 ppb	7/22/21	5:19 pm

aford

8/9/2021 1:54:14PM

QC Batch Summary

Log Book #	
Page	

Batch: 16Q210722-MSa2
 Instrument: 16-Nexion350
 Initial Cal Std
 Cal Check Std
 Internal Std
 LCS Std
 MS Std

Created: 7/22/21 3:21 pm
 By: aford

Test C-Metals by ICP-MS
 Method: 7300 Modified
 Matrix: Cassettes

Samples:

162116018-0001	162116018-0006	162116018-0011	162116018-0016
162116018-0002	162116018-0007	162116018-0012	162116018-0017
162116018-0003	162116018-0008	162116018-0013	162116018-0018
162116018-0004	162116018-0009	162116018-0014	162116018-0019
162116018-0005	162116018-0010	162116018-0015	162116018-0020

Samples

Lab Sample Client Sample

162116018-0020 JP-FB1-071721

Analyte	Volume		DF	RL	Reported Concentration	Measured Concentration	Analyzed
	1.00	0.050			0.021 µg/filter	0.41 ppb	
Lead	1.00	0.050			0.0036 µg/filter	0.073 ppb	7/22/21 5:20 pm

Laboratory Control Standard/Duplicate

Accuracy					Precision			
Type	Analyzed		Type	Analyzed				
LCS[1]	7/22/21 4:37 pm		LCSD[1]	7/22/21 4:38 pm				
Analyte	Spk Conc. µg/filter	Conc. µg/filter	% LCS	ACP % LCS		Conc. µg/filter	% LCSD	ACP % RPD
Arsenic	2.5	2.6	103.6	80-120		2.5	101.6	2.0
Lead	2.5	2.5	99.6	80-120		2.4	96.0	3.6

Reporting Limit Verification Sample

Accuracy							
Type	Analyzed						
RLVS[1]	7/22/21 4:35 pm						
	Spk Conc. µg/filter	Conc. µg/filter	% RLVS	ACP % RLVS			
Arsenic	0.050	0.069	137.5	70-130			
Lead	0.050	0.052	103.1	70-130			

QC Standards								
QC STD 1								
	Sample Id	R	Acquisition Time	Ge 74 (IS)	As 75	In 115 (IS)	Pb 208	Bi 209 (IS)
13	ICV		7/22/2021 3:15:47 PM		29.285		29.032	
		RSD			2.4%		1.6%	
		% Recovery			97.6%		96.8%	
QC STD 2								
	Sample Id	R	Acquisition Time	Ge 74 (IS)	As 75	In 115 (IS)	Pb 208	Bi 209 (IS)
14	ICB		7/22/2021 3:17:07 PM		0.084		0.018	
		RSD			22.0%		4.5%	
		% Recovery						
QC STD 3								
	Sample Id	R	Acquisition Time	Ge 74 (IS)	As 75	In 115 (IS)	Pb 208	Bi 209 (IS)
16	CCV		7/22/2021 3:19:49 PM		29.442		29.252	
		RSD			1.5%		1.8%	
		% Recovery			98.1%		97.5%	
28	CCV		7/22/2021 3:56:21 PM		28.747		29.466	
		RSD			1.2%		1.3%	
		% Recovery			95.8%		98.2%	
40	CCV		7/22/2021 4:12:27 PM		28.642		29.066	
		RSD			1.4%		0.3%	
		% Recovery			95.5%		96.9%	
48	CCV		7/22/2021 4:23:11 PM		29.684		28.858	
		RSD			1.8%		0.6%	
		% Recovery			98.9%		96.2%	
60	CCV		7/22/2021 4:45:03 PM		29.302		29.980	
		RSD			1.0%		2.1%	
		% Recovery			97.7%		99.9%	
61	CCV		7/22/2021 4:46:51 PM		29.536		29.594	
		RSD			0.4%		0.6%	
		% Recovery			98.5%		98.6%	
73	CCV		7/22/2021 5:02:45 PM		29.889		29.559	
		RSD			1.3%		0.5%	
		% Recovery			99.6%		98.5%	
86	CCV		7/22/2021 5:24:38 PM		29.966		29.582	
		RSD			3.5%		1.1%	
		% Recovery			99.9%		98.6%	
87	CCV		7/22/2021 5:26:25 PM		29.969		30.038	
		RSD			1.0%		1.2%	
		% Recovery			99.9%		100.1%	
QC STD 4								
	Sample Id	R	Acquisition Time	Ge 74 (IS)	As 75	In 115 (IS)	Pb 208	Bi 209 (IS)
17	CCB		7/22/2021 3:21:08 PM		0.063		0.020	
		RSD			16.4%		9.1%	
		% Recovery						
29	CCB		7/22/2021 3:57:41 PM		0.050		0.017	
		RSD			93.8%		5.5%	
		% Recovery						
41	CCB		7/22/2021 4:13:47 PM		0.039		0.018	
		RSD			31.7%		6.0%	
		% Recovery						
49	CCB		7/22/2021 4:24:32 PM		0.098		0.017	
		RSD			67.8%		14.0%	
		% Recovery						
62	CCB		7/22/2021 4:48:10 PM		0.488		0.024	
		RSD			8.4%		7.7%	
		% Recovery						
75	CCB		7/22/2021 5:05:52 PM		0.416		0.019	
		RSD			2.4%		9.3%	
		% Recovery						
88	CCB		7/22/2021 5:27:44 PM		0.467		0.028	
		RSD			6.1%		3.7%	
		% Recovery						

Performance Check Report

Sample ID: [STD] Performance Check

Sample Date/Time: Thursday, July 22, 2021 14:51:41

Sample Description:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\STD Performance Check.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\STD Performance Check.015

MassCal File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Conditions File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Conditions\Default.dac

Dual Detector Mode: Pulse

Acq. Dead Time (ns): 35

Current Dead Time (ns): 35

Torch Z position (mm): 0.00

Summary

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD	Mode
Be	9.0	6620.7	6620.734	79.774	1.2	Standard
In	114.9	82243.2	82243.216	927.578	1.1	Standard
U	238.1	66575.8	66575.778	487.299	0.7	Standard
CeO	155.9	1838.7	0.024	0.002	9.0	Standard
Ce	139.9	77355.9	77355.888	756.807	1.0	Standard
Ce++	70.0	1426.0	0.018	0.000	2.6	Standard
Bkgd	220.0	0.2	0.167	0.167	100.0	Standard

Current Conditions File Data

Current Value	Description
0.89	Standard - Nebulizer Gas Flow STD/KED [NEB]
1.20	Standard - Auxiliary Gas Flow
18.00	Standard - Plasma Gas Flow
-10.00	Standard - Deflector Voltage
1600.00	Standard - ICP RF Power
-2150.00	Standard - Analog Stage Voltage
1300.00	Standard - Pulse Stage Voltage
0.00	Standard - Quadrupole Rod Offset STD [QRO]
-5.00	Standard - Cell Rod Offset STD [CRO]
12.00	Standard - Discriminator Threshold
-6.00	Standard - Cell Entrance/Exit Voltage STD
-12.00	Helium KED - KED Mode QRO
-15.00	Helium KED - KED Mode CRO
-8.00	Helium KED - KED Mode Cell Entrance Voltage
-25.00	Helium KED - KED Mode Cell Exit Voltage
475.00	Helium KED - KED Mode Axial Field Voltage
0.00	Helium KED - KED RPa
0.25	Helium KED - KED RPq
0.00	Helium KED - Cell Gas A

Sample ID: Calibration Blank

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:03:44

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\Calibration Blank.016

Autosampler Position: 201

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	364607.957	4.591					ug/L
As	75	1975.397	9.260					ug/L
Se	77	362.671	19.978					ug/L
Se	82	-1030.712	6.670					ug/L
Cd	111	14.667	31.492					ug/L
Cd	114	29.335	56.323					ug/L
> In	115	1962036.082	2.794					ug/L
Sn	118	5749.212	26.791					ug/L
Pb	206	127.334	6.348					ug/L
Pb	207	100.000	14.000					ug/L
Pb	208	511.337	6.653					ug/L
> Bi	209	827193.923	9.111					ug/L
C	12	4757460.299	0.543					ug/L
Kr	83	2076.818	1.831					ug/L
Cl	35	60353.229	1.055					ug/L
P	31	510068.937	10.697					ug/L
S	32	160556542.624	3.500					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: blk

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:05:05

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\blk.017

Autosampler Position: 201

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	404680.459	2.773					ug/L
As	75	2058.042	5.353					ug/L
Se	77	377.338	3.834					ug/L
Se	82	-1007.367	6.354					ug/L
Cd	111	11.333	56.727					ug/L
Cd	114	37.527	38.163					ug/L
> In	115	2220966.801	1.637					ug/L
Sn	118	3051.008	26.696					ug/L
Pb	206	82.000	17.073					ug/L
Pb	207	82.667	1.397					ug/L
Pb	208	382.002	0.907					ug/L
> Bi	209	1044489.684	1.446					ug/L
C	12	4794814.835	0.730					ug/L
Kr	83	2075.484	3.331					ug/L
Cl	35	60082.130	2.440					ug/L
P	31	590623.627	6.947					ug/L
S	32	166900497.031	2.773					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Calibration Blank

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:06:26

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\Calibration Blank.018

Autosampler Position: 201

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	411122.818	1.860		ug/L			
As	75	1850.660	5.684		ug/L			
Se	77	350.004	12.162		ug/L			
Se	82	-1083.159	4.645		ug/L			
Cd	111	7.333	56.773		ug/L			
Cd	114	24.586	38.407		ug/L			
> In	115	2257000.522	1.678		ug/L			
Sn	118	2278.191	27.966		ug/L			
Pb	206	106.000	5.660		ug/L			
Pb	207	80.000	10.897		ug/L			
Pb	208	401.336	3.740		ug/L			
> Bi	209	1074846.056	1.194		ug/L			
C	12	4700128.119	1.776		ug/L			
Kr	83	2132.826	1.587		ug/L			
Cl	35	56664.173	1.494		ug/L			
P	31	570336.412	2.968		ug/L			
S	32	175560866.357	1.582		mg/L			

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 2

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:07:46

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\Standard 2.019

Autosampler Position: 203

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	397654.004	1.593					ug/L
As	75	6366.935	3.269		1.00000	6.06	6.06	ug/L
Se	77	700.017	4.463		1.00000	11.80	11.80	ug/L
Se	82	-619.385	24.169		1.00000	34.04	34.04	ug/L
Cd	111	5292.981	2.619		1.00000	3.41	3.41	ug/L
Cd	114	12374.078	0.506		1.00000	3.64	3.64	ug/L
> In	115	2217768.567	3.207					ug/L
Sn	118	20395.245	5.532					ug/L
Pb	206	11193.718	1.662		1.00000	2.21	2.21	ug/L
Pb	207	9562.533	1.558		1.00000	2.36	2.36	ug/L
Pb	208	44520.677	1.593		1.00000	1.63	1.63	ug/L
> Bi	209	1058273.042	1.970					ug/L
C	12	5489173.294	1.125					ug/L
Kr	83	2082.152	4.783					ug/L
Cl	35	55962.070	0.920					ug/L
P	31	604556.130	2.837					ug/L
S	32	174085509.981	3.651					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 3

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:09:06

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\Standard 3.020

Autosampler Position: 204

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	407981.766	2.767					ug/L
As	75	46691.112	1.683		9.99538	3.96		ug/L
Se	77	3393.736	1.564		9.97842	2.34		ug/L
Se	82	3145.846	1.411		9.99589	3.13		ug/L
[> Cd	111	54298.401	3.252		10.00046	4.66		ug/L
Cd	114	125033.635	3.763		9.99892	2.49		ug/L
> In	115	2267239.522	1.405					ug/L
Sn	118	197680.974	3.840					ug/L
[> Pb	206	110149.062	1.258		9.99747	0.79		ug/L
Pb	207	95640.595	2.922		9.99904	4.29		ug/L
Pb	208	439540.281	1.942		9.99778	2.41		ug/L
[> Bi	209	1076844.558	1.417					ug/L
C	12	5570513.816	1.178					ug/L
Kr	83	2036.812	1.930					ug/L
Cl	35	55381.142	0.597					ug/L
P	31	623256.208	0.336					ug/L
S	32	170847469.823	2.302					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 4

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:10:26

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\Standard 4.021

Autosampler Position: 205

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	407468.243	3.765					ug/L
As	75	94677.134	2.375		20.14019	3.45		ug/L
Se	77	6612.198	3.296		20.10717	0.88		ug/L
Se	82	7181.548	2.482		19.91161	1.10		ug/L
[> Cd	111	110374.187	1.960		20.05377	1.85		ug/L
Cd	114	254089.215	4.053		20.05462	3.93		ug/L
[> In	115	2272967.805	0.502					ug/L
Sn	118	383567.237	4.065		20.00000	3.61		ug/L
[> Pb	206	221152.693	0.621		19.99692	0.75		ug/L
Pb	207	189549.177	2.747		19.94325	2.68		ug/L
Pb	208	880074.609	1.442		19.98532	1.04		ug/L
[> Bi	209	1082103.752	1.063					ug/L
C	12	5542025.892	2.119					ug/L
Kr	83	2082.819	2.638					ug/L
Cl	35	54455.004	3.426					ug/L
P	31	589692.933	15.672					ug/L
S	32	171625388.018	6.669					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 5

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:11:47

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\Standard 5.022

Autosampler Position: 206

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	408644.362	1.009					ug/L
As	75	139362.534	1.214		29.90171	0.71		ug/L
Se	77	9769.340	1.777		30.05371	2.87		ug/L
Se	82	11398.940	0.126		29.99943	0.81		ug/L
Cd	111	160459.814	2.456		29.89073	3.13		ug/L
Cd	114	371912.908	1.131		29.96478	2.30		ug/L
> In	115	2231955.333	1.610					ug/L
Sn	118	558188.981	3.719		29.91265	5.29		ug/L
Pb	206	328409.354	0.544		30.13720	0.48		ug/L
Pb	207	279686.104	2.116		30.03949	1.71		ug/L
Pb	208	1299081.419	0.399		30.06728	0.79		ug/L
> Bi	209	1057637.137	1.025					ug/L
C	12	5602315.151	1.516					ug/L
Kr	83	2030.811	2.758					ug/L
Cl	35	55118.795	0.279					ug/L
P	31	644171.039	0.713					ug/L
S	32	161320754.155	4.864					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 6

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:13:07

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\Standard 6.023

Autosampler Position: 207

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	392056.143	1.791					ug/L
As	75	225469.538	0.674		50.25382	2.48		ug/L
Se	77	15858.131	1.401		50.57029	2.63		ug/L
Se	82	19341.346	1.282		50.37795	0.75		ug/L
[> Cd	111	263504.774	2.204		50.30195	7.49		ug/L
Cd	114	618157.127	2.120		50.55332	6.60		ug/L
[> In	115	2160044.689	5.559					ug/L
Sn	118	896197.430	2.430		49.93831	7.80		ug/L
[> Pb	206	532602.651	0.263		50.23657	0.88		ug/L
Pb	207	461089.943	1.869		50.47311	2.37		ug/L
Pb	208	2106293.115	0.675		50.19053	1.27		ug/L
[> Bi	209	1020430.309	0.671					ug/L
C	12	5542775.574	2.006					ug/L
Kr	83	2020.810	0.702					ug/L
Cl	35	54776.837	1.702					ug/L
P	31	612517.686	2.562					ug/L
S	32	159187059.581	7.014					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 7

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:14:27

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\Standard 7.024

Autosampler Position: 208

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	380133.769	1.724					ug/L
As	75	433242.213	0.635		99.99059	1.39		ug/L
Se	77	29348.785	0.972		97.50037	1.35		ug/L
Se	82	38300.202	0.628		100.23180	1.09		ug/L
Cd	111	516059.501	2.528		99.97593	1.65		ug/L
Cd	114	1161759.026	1.929		98.97233	3.05		ug/L
> In	115	2123811.292	1.267					ug/L
Sn	118	1696025.864	3.004		98.86090	4.03		ug/L
Pb	206	1031436.377	1.720		100.49395	1.83		ug/L
Pb	207	873228.528	1.164		99.99810	0.59		ug/L
Pb	208	4013256.249	0.966		100.01306	1.03		ug/L
> Bi	209	975493.587	1.340					ug/L
C	12	6252831.083	1.428					ug/L
Kr	83	2026.144	2.727					ug/L
Cl	35	55410.626	2.327					ug/L
P	31	648764.226	4.505					ug/L
S	32	159725512.519	0.649					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:15:47

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\ICV.025

Autosampler Position: 209

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	388998.996	3.483					ug/L
As	75	131032.581	1.298		29.28470	2.38		ug/L
Se	77	8927.456	1.885		28.23705	3.90		ug/L
Se	82	10779.518	1.122		29.43440	2.96		ug/L
> Cd	111	150359.372	2.135		28.85982	6.54		ug/L
Cd	114	342610.766	1.626		28.90418	6.03		ug/L
> In	115	2147898.211	4.484					ug/L
Sn	118	525428.560	2.248		30.24795	6.67		ug/L
> Pb	206	301865.531	2.767		27.75634	3.25		ug/L
Pb	207	270766.698	0.811		29.26489	1.85		ug/L
Pb	208	1234465.671	1.003		29.03242	1.60		ug/L
> Bi	209	1033464.026	1.082					ug/L
C	12	4936370.575	1.479					ug/L
Kr	83	1962.802	2.270					ug/L
Cl	35	51989.096	0.272					ug/L
P	31	559059.548	11.849					ug/L
S	32	155787671.222	1.544					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
> Cd	111
Cd	114
> In	115
Sn	118
> Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICB

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 15:17:07

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\ICB.026

Autosampler Position: 211

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	404307.800	1.346					ug/L
As	75	2206.122	4.999		0.08397	22.01		ug/L
Se	77	420.006	12.680		0.23819	64.34		ug/L
Se	82	-964.332	10.045		0.24341	84.59		ug/L
[> Cd	111	39.333	10.585		0.00631	15.26		ug/L
Cd	114	81.080	4.203		0.00495	6.22		ug/L
[> In	115	2120643.281	1.918					ug/L
Sn	118	2724.932	18.466		0.03382	78.55		ug/L
[> Pb	206	292.003	3.139		0.01700	5.31		ug/L
Pb	207	256.669	8.110		0.01894	12.20		ug/L
Pb	208	1172.686	1.824		0.01802	4.47		ug/L
[> Bi	209	1052502.610	2.055					ug/L
C	12	5361463.538	0.694					ug/L
Kr	83	2071.484	5.175					ug/L
Cl	35	52371.213	3.042					ug/L
P	31	527728.577	12.758					ug/L
S	32	150121414.687	1.943					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICSA-1

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:31:47

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\ICSA-1.062

Autosampler Position: 215

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	362510.257	1.226					ug/L
As	75	2012.542	11.938		0.48859	10.99		ug/L
Se	77	381.338	11.204		1.34252	10.55		ug/L
Se	82	-870.056	13.274		-2.32924	14.57		ug/L
Cd	111	26.000	33.530		0.00540	33.68		ug/L
Cd	114	59.709	23.807		0.00543	22.55		ug/L
> In	115	1983253.692	2.221					ug/L
Sn	118	1698.770	19.590		0.10627	20.54		ug/L
Pb	206	1857.454	3.392		0.19639	1.71		ug/L
Pb	207	1574.087	4.012		0.19578	5.64		ug/L
Pb	208	7426.766	1.535		0.20090	1.60		ug/L
> Bi	209	898798.676	1.864					ug/L
C	12	4508565.798	0.811					ug/L
Kr	83	1910.795	5.152					ug/L
Cl	35	48632.668	2.306					ug/L
P	31	615880.343	6.765					ug/L
S	32	164580283.288	1.263					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICSAB-1

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:33:06

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\ICSAB-1.063

Autosampler Position: 216

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	363548.002	2.315					ug/L
As	75	128100.365	2.562		31.03689	2.49		ug/L
Se	77	8880.760	1.863		31.19120	0.52		ug/L
Se	82	10360.375	1.509		27.63759	3.39		ug/L
[> Cd	111	147672.756	1.367		30.23124	3.37		ug/L
Cd	114	330998.434	2.601		29.80729	5.85		ug/L
[> In	115	2011759.938	4.129					ug/L
Sn	118	1424.072	15.419		0.08773	15.33		ug/L
[> Pb	206	289936.199	1.069		30.15542	0.86		ug/L
Pb	207	249316.621	1.974		30.47799	1.68		ug/L
Pb	208	1156829.980	1.708		30.77403	1.28		ug/L
[> Bi	209	913838.131	0.688					ug/L
C	12	4832696.926	0.786					ug/L
Kr	83	1978.137	0.965					ug/L
Cl	35	49089.543	1.475					ug/L
P	31	598825.765	3.057					ug/L
S	32	169780441.640	2.868					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Method Blank

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:34:26

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\Method Blank.064

Autosampler Position: 325

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	396936.940	0.603					ug/L
As	75	2117.570	8.820		0.46967	8.23		ug/L
Se	77	424.673	0.272		1.36602	0.67		ug/L
Se	82	-866.435	9.344		-2.11667	9.92		ug/L
Cd	111	36.667	13.727		0.00670	15.05		ug/L
Cd	114	66.051	26.558		0.00529	26.17		ug/L
> In	115	2254699.454	1.585					ug/L
Sn	118	2175.501	13.541		0.11969	14.57		ug/L
Pb	206	657.348	3.527		0.05934	4.28		ug/L
Pb	207	594.012	7.338		0.06303	7.98		ug/L
Pb	208	2685.433	1.984		0.06199	1.62		ug/L
> Bi	209	1053212.412	1.424					ug/L
C	12	78265732.771	4.988					ug/L
Kr	83	1958.801	2.999					ug/L
Cl	35	143235.915	1.343					ug/L
P	31	630457.573	1.604					ug/L
S	32	158173226.219	1.875					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: RLVS

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:35:46

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\RLVS.065

Autosampler Position: 326

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	412962.734	0.333					ug/L
As	75	6447.896	5.911		1.37490	5.58		ug/L
Se	77	692.017	7.295		2.13982	7.54		ug/L
Se	82	-505.520	4.430		-1.18660	4.43		ug/L
> Cd	111	5555.749	4.971		1.04843	3.01		ug/L
Cd	114	11814.423	0.669		0.98084	2.54		ug/L
> In	115	2179626.333	2.045					ug/L
Sn	118	187042.739	1.687		10.63664	2.58		ug/L
> Pb	206	11274.448	1.570		1.01482	0.93		ug/L
Pb	207	9523.174	1.656		1.00775	2.80		ug/L
Pb	208	44788.419	1.232		1.03121	1.25		ug/L
> Bi	209	1056097.354	2.499					ug/L
C	12	81249407.890	2.932					ug/L
Kr	83	1931.464	1.645					ug/L
Cl	35	149020.230	2.622					ug/L
P	31	625386.668	1.124					ug/L
S	32	159972839.229	3.902					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
> Cd	111
Cd	114
> In	115
Sn	118
> Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: LCS

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:37:05

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\LCS.066

Autosampler Position: 327

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	392136.539	0.651					ug/L
As	75	230647.012	1.491		51.80033	1.43		ug/L
Se	77	15976.931	1.789		52.02530	2.43		ug/L
Se	82	20239.063	1.546		50.03357	2.05		ug/L
[> Cd	111	268408.721	0.229		51.72584	1.56		ug/L
Cd	114	602580.806	1.916		51.04086	0.69		ug/L
> In	115	2135577.018	1.749					ug/L
Sn	118	871886.701	1.707		50.59274	0.89		ug/L
[> Pb	206	527847.927	1.646		49.05247	0.68		ug/L
Pb	207	453128.677	2.327		49.49551	1.97		ug/L
Pb	208	2094492.526	1.699		49.78504	0.93		ug/L
[> Bi	209	1022731.021	1.015					ug/L
C	12	77900966.089	1.488					ug/L
Kr	83	1966.802	0.777					ug/L
Cl	35	134899.325	1.205					ug/L
P	31	594524.289	4.915					ug/L
S	32	161052017.614	3.828					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: LCSD

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:38:25

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\LCSD.067

Autosampler Position: 328

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	392711.947	1.434					ug/L
As	75	226493.270	2.956		50.78509	1.53		ug/L
Se	77	15912.861	2.349		51.73074	0.92		ug/L
Se	82	20244.255	2.279		49.96609	1.09		ug/L
[> Cd	111	262041.289	1.791		50.93427	2.62		ug/L
Cd	114	602247.382	2.314		51.45256	1.85		ug/L
[> In	115	2117429.338	1.824					ug/L
Sn	118	896706.528	1.400		52.48993	2.41		ug/L
[> Pb	206	532466.960	1.425		47.79984	2.71		ug/L
Pb	207	447261.216	2.275		47.20311	4.14		ug/L
Pb	208	2090680.167	1.527		48.01009	3.31		ug/L
[> Bi	209	1059085.305	1.960					ug/L
C	12	80675776.036	0.138					ug/L
Kr	83	1990.805	2.292					ug/L
Cl	35	142611.210	2.315					ug/L
P	31	607355.958	2.533					ug/L
S	32	159088478.630	4.814					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0001

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:39:44

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0001.068

Autosampler Position: 329

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	394392.812	1.411					ug/L
As	75	2459.533	10.998		0.54950	11.58		ug/L
Se	77	498.009	17.432		1.61503	18.94		ug/L
Se	82	-769.665	9.875		-1.89174	9.74		ug/L
[> Cd	111	83.334	34.054		0.01601	32.07		ug/L
Cd	114	182.532	40.142		0.01559	43.29		ug/L
[> In	115	2134875.798	3.032					ug/L
Sn	118	4335.329	10.306		0.25232	13.38		ug/L
[> Pb	206	8728.666	1.294		0.81789	1.29		ug/L
Pb	207	7356.561	1.864		0.81013	0.59		ug/L
Pb	208	34059.195	0.957		0.81635	1.76		ug/L
[> Bi	209	1014549.452	2.448					ug/L
C	12	76825398.843	3.101					ug/L
Kr	83	1946.799	0.971					ug/L
Cl	35	100145.831	1.245					ug/L
P	31	624455.238	2.885					ug/L
S	32	147472595.262	6.536					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0002

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:41:04

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0002.069

Autosampler Position: 330

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	384908.600	2.887					ug/L
As	75	2077.269	8.754		0.47476	5.79		ug/L
Se	77	416.673	7.221		1.38199	6.49		ug/L
Se	82	-820.303	10.261		-2.07093	12.90		ug/L
Cd	111	16.000	57.282		0.00312	58.26		ug/L
Cd	114	33.267	30.478		0.00286	32.56		ug/L
> In	115	2114067.318	2.208					ug/L
Sn	118	2057.484	15.993		0.12052	15.40		ug/L
Pb	206	878.027	5.988		0.08012	4.37		ug/L
Pb	207	712.684	3.277		0.07652	4.94		ug/L
Pb	208	3538.178	3.042		0.08263	2.95		ug/L
> Bi	209	1041068.921	1.715					ug/L
C	12	70377909.530	0.351					ug/L
Kr	83	1858.121	0.559					ug/L
Cl	35	99430.994	2.698					ug/L
P	31	585608.458	1.360					ug/L
S	32	146287400.333	5.901					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0003

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:42:24

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0003.070

Autosampler Position: 331

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	390866.680	1.655					ug/L
As	75	1757.663	2.178		0.39602	1.33		ug/L
Se	77	316.670	10.230		1.03387	9.24		ug/L
Se	82	-948.353	9.848		-2.35162	9.46		ug/L
Cd	111	50.000	125.730		0.00978	123.80		ug/L
Cd	114	105.135	137.472		0.00901	135.96		ug/L
> In	115	2066336.100	2.948					ug/L
Sn	118	1450.744	26.697		0.08684	25.13		ug/L
Pb	206	489.342	19.233		0.04469	18.54		ug/L
Pb	207	421.340	16.959		0.04525	16.54		ug/L
Pb	208	1898.716	16.036		0.04436	15.41		ug/L
> Bi	209	1039972.373	1.511					ug/L
C	12	56657526.139	2.587					ug/L
Kr	83	1905.461	3.860					ug/L
Cl	35	85928.326	0.547					ug/L
P	31	572022.475	3.102					ug/L
S	32	138217928.799	1.776					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0004

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:43:43

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0004.071

Autosampler Position: 332

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	398970.412	0.507					ug/L
As	75	1837.305	10.391		0.40568	10.77		ug/L
Se	77	354.004	8.531		1.13310	8.89		ug/L
Se	82	-917.959	9.960		-2.22967	9.50		ug/L
[> Cd	111	16.000	21.651		0.00318	22.40		ug/L
Cd	114	36.282	35.168		0.00316	34.51		ug/L
[> In	115	2075906.153	1.295					ug/L
Sn	118	1555.419	11.347		0.09277	10.12		ug/L
[> Pb	206	876.694	3.363		0.07894	4.86		ug/L
Pb	207	734.686	5.351		0.07768	3.15		ug/L
Pb	208	3461.499	0.858		0.07971	2.62		ug/L
[> Bi	209	1056366.383	3.385					ug/L
C	12	58299371.874	3.165					ug/L
Kr	83	1898.126	1.754					ug/L
Cl	35	93751.339	1.609					ug/L
P	31	550950.560	14.780					ug/L
S	32	142056352.500	2.161					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:45:03

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCV.072

Autosampler Position: 210

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	402450.687	0.690					ug/L
As	75	133900.396	0.940		29.30201	1.04		ug/L
Se	77	9159.603	1.986		29.05891	1.91		ug/L
Se	82	10608.518	3.945		25.55209	3.96		ug/L
Cd	111	156063.409	2.132		29.57287	3.62		ug/L
Cd	114	357902.374	0.752		29.80792	1.51		ug/L
> In	115	2172443.853	2.217					ug/L
Sn	118	530749.967	2.670		30.29501	4.82		ug/L
Pb	206	306257.004	2.227		28.52298	3.32		ug/L
Pb	207	270756.040	1.382		29.63932	2.85		ug/L
Pb	208	1258590.041	0.512		29.97984	2.11		ug/L
> Bi	209	1020825.434	1.655					ug/L
C	12	6433138.915	0.970					ug/L
Kr	83	1894.792	2.968					ug/L
Cl	35	46998.536	1.962					ug/L
P	31	587615.539	7.533					ug/L
S	32	S	S					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:46:51

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCV.073

Autosampler Position: 210

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	392140.155	1.007					ug/L
As	75	131515.234	1.106		29.53610	0.45		ug/L
Se	77	9092.896	3.933		29.60940	4.29		ug/L
Se	82	10456.318	1.033		25.84966	1.69		ug/L
[> Cd	111	153387.977	2.072		29.41080	3.54		ug/L
Cd	114	358393.480	3.036		30.21218	4.45		ug/L
> In	115	2146752.245	1.498					ug/L
Sn	118	524772.001	1.052		30.29277	0.52		ug/L
[> Pb	206	302451.685	0.967		28.40026	1.18		ug/L
Pb	207	270434.487	2.153		29.84572	1.78		ug/L
Pb	208	1232217.305	0.968		29.59403	0.64		ug/L
[> Bi	209	1012217.085	0.380					ug/L
C	12	5334974.766	2.250					ug/L
Kr	83	1950.800	2.976					ug/L
Cl	35	45431.471	1.535					ug/L
P	31	578397.672	13.750					ug/L
S	32	145163529.254	6.730					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCB

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:48:10

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCB.074

Autosampler Position: 211

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	377017.620	2.708					ug/L
As	75	2087.081	5.858		0.48825	8.35		ug/L
Se	77	418.673	6.235		1.41696	3.53		ug/L
Se	82	-820.693	12.291		-2.10871	11.24		ug/L
[> Cd	111	24.667	30.697		0.00489	30.11		ug/L
Cd	114	42.746	69.637		0.00373	70.35		ug/L
[> In	115	2074193.909	2.297					ug/L
Sn	118	2052.149	14.005		0.12262	14.10		ug/L
[> Pb	206	234.002	9.857		0.02242	10.59		ug/L
Pb	207	224.002	6.186		0.02521	5.27		ug/L
Pb	208	968.680	6.202		0.02375	7.74		ug/L
[> Bi	209	992461.649	1.497					ug/L
C	12	5625083.278	1.187					ug/L
Kr	83	1907.461	4.921					ug/L
Cl	35	43776.306	0.756					ug/L
P	31	540882.249	13.360					ug/L
S	32	138668368.145	4.101					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0005

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:49:30

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0005.075

Autosampler Position: 333

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	397984.258	0.689					ug/L
As	75	1820.442	7.737		0.40282	7.65		ug/L
Se	77	365.338	3.477		1.17189	2.79		ug/L
Se	82	-917.445	7.041		-2.23428	6.77		ug/L
[> Cd	111	19.333	5.973		0.00378	5.11		ug/L
Cd	114	35.305	17.598		0.00303	17.06		ug/L
[> In	115	2103564.101	1.217					ug/L
Sn	118	1811.450	16.070		0.10663	15.25		ug/L
[> Pb	206	14622.814	1.422		1.32564	1.21		ug/L
Pb	207	12720.330	2.509		1.35540	2.32		ug/L
Pb	208	58514.451	0.848		1.35683	0.66		ug/L
[> Bi	209	1048407.634	0.208					ug/L
C	12	73535964.438	1.898					ug/L
Kr	83	1917.462	2.660					ug/L
Cl	35	100748.717	1.272					ug/L
P	31	603876.339	4.454					ug/L
S	32	136645638.382	3.179					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0006

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:50:50

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0006.076

Autosampler Position: 334

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	370666.724	2.747					ug/L
As	75	1794.763	2.992		0.42687	5.75		ug/L
Se	77	312.003	6.313		1.07406	3.73		ug/L
Se	82	-905.913	2.733		-2.36927	1.58		ug/L
Cd	111	22.000	18.182		0.00460	18.85		ug/L
Cd	114	34.045	22.433		0.00313	24.85		ug/L
> In	115	1972431.403	2.364					ug/L
Sn	118	1246.055	12.338		0.07818	10.46		ug/L
Pb	206	551.344	8.082		0.05243	8.60		ug/L
Pb	207	470.674	4.925		0.05261	5.66		ug/L
Pb	208	2119.394	4.732		0.05155	5.35		ug/L
> Bi	209	999809.007	0.780					ug/L
C	12	42529681.201	1.769					ug/L
Kr	83	1850.120	1.144					ug/L
Cl	35	73538.188	2.292					ug/L
P	31	544308.660	0.712					ug/L
S	32	125416172.141	1.007					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0007

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:52:09

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0007.077

Autosampler Position: 335

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	379588.602	2.561					ug/L
As	75	1721.732	2.449		0.39951	1.80		ug/L
Se	77	391.339	4.406		1.31758	6.56		ug/L
Se	82	-911.633	2.322		-2.32810	0.24		ug/L
Cd	111	14.667	43.835		0.00290	42.61		ug/L
Cd	114	41.118	32.232		0.00358	31.60		ug/L
> In	115	2076786.723	1.339					ug/L
Sn	118	1524.749	12.151		0.09105	13.03		ug/L
Pb	206	1548.751	1.469		0.14534	1.67		ug/L
Pb	207	1364.065	4.861		0.15051	5.77		ug/L
Pb	208	6187.191	0.516		0.14852	1.51		ug/L
> Bi	209	1012851.682	1.013					ug/L
C	12	52595456.270	1.193					ug/L
Kr	83	1856.787	0.929					ug/L
Cl	35	82022.193	2.071					ug/L
P	31	581628.402	4.701					ug/L
S	32	133756886.384	3.990					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0008

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:53:29

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0008.078

Autosampler Position: 336

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	385557.644	1.177					ug/L
As	75	1813.717	7.642		0.41453	8.70		ug/L
Se	77	368.005	15.218		1.21800	14.57		ug/L
Se	82	-905.234	6.277		-2.27717	7.44		ug/L
Cd	111	10.667	21.651		0.00207	21.04		ug/L
Cd	114	29.509	13.547		0.00252	13.75		ug/L
> In	115	2122107.992	0.862					ug/L
Sn	118	1388.069	16.003		0.08102	15.71		ug/L
Pb	206	716.018	5.772		0.06589	6.17		ug/L
Pb	207	623.347	4.063		0.06742	4.22		ug/L
Pb	208	2798.773	3.762		0.06588	4.16		ug/L
> Bi	209	1032974.158	0.397					ug/L
C	12	54768206.598	0.353					ug/L
Kr	83	1890.792	4.159					ug/L
Cl	35	82417.813	2.335					ug/L
P	31	528990.640	10.283					ug/L
S	32	141441467.103	3.338					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0009

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:54:48

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0009.079

Autosampler Position: 337

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	402232.669	1.200					ug/L
As	75	1760.613	4.562		0.38542	3.79		ug/L
Se	77	352.004	9.354		1.11827	10.47		ug/L
Se	82	-1032.901	5.197		-2.48996	5.92		ug/L
Cd	111	17.333	29.038		0.00340	29.53		ug/L
Cd	114	41.654	34.212		0.00357	31.31		ug/L
> In	115	2100583.930	2.623					ug/L
Sn	118	1382.734	8.480		0.08167	10.21		ug/L
Pb	206	573.345	5.237		0.05234	5.48		ug/L
Pb	207	520.009	1.923		0.05580	2.64		ug/L
Pb	208	2324.074	1.922		0.05427	2.37		ug/L
> Bi	209	1041178.375	0.739					ug/L
C	12	47524906.459	0.941					ug/L
Kr	83	1974.136	1.857					ug/L
Cl	35	73930.895	2.610					ug/L
P	31	576260.441	1.107					ug/L
S	32	126836505.890	4.856					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0010

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:56:07

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0010.080

Autosampler Position: 338

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	402523.543	0.927					ug/L
As	75	1810.473	7.295		0.39601	6.62		ug/L
Se	77	342.671	1.348		1.08696	1.40		ug/L
Se	82	-938.326	6.816		-2.25936	6.47		ug/L
Cd	111	12.000	0.000		0.00232	2.13		ug/L
Cd	114	53.611	95.032		0.00458	96.07		ug/L
> In	115	2128410.092	2.154					ug/L
Sn	118	1971.470	5.920		0.11472	3.72		ug/L
Pb	206	1773.443	2.675		0.16083	2.47		ug/L
Pb	207	1474.076	5.054		0.15713	5.05		ug/L
Pb	208	6986.676	0.697		0.16207	0.54		ug/L
> Bi	209	1048031.484	0.211					ug/L
C	12	56305226.395	2.170					ug/L
Kr	83	1902.127	3.260					ug/L
Cl	35	84899.554	1.193					ug/L
P	31	557676.579	8.522					ug/L
S	32	135307314.728	1.969					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0011

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:57:27

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0011.081

Autosampler Position: 339

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	405725.195	1.067					ug/L
As	75	2001.338	1.243		0.43442	0.61		ug/L
Se	77	358.671	1.403		1.12888	2.39		ug/L
Se	82	-1014.719	3.548		-2.42456	3.80		ug/L
[> Cd	111	265.336	10.262		0.04738	9.62		ug/L
Cd	114	659.352	10.731		0.05177	10.41		ug/L
[> In	115	2303639.190	1.163					ug/L
Sn	118	5700.480	10.990		0.30693	12.19		ug/L
[> Pb	206	51510.721	1.855		4.61268	0.91		ug/L
Pb	207	42933.090	1.258		4.51931	1.38		ug/L
Pb	208	200865.432	0.187		4.60184	2.19		ug/L
[> Bi	209	1061495.320	2.347					ug/L
C	12	77767684.620	2.154					ug/L
Kr	83	1993.472	0.605					ug/L
Cl	35	104011.299	1.100					ug/L
P	31	647023.405	5.355					ug/L
S	32	153571024.384	3.337					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0012

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 16:58:46

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0012.082

Autosampler Position: 340

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	409741.137	3.508					ug/L
As	75	1783.933	4.476		0.38339	2.29		ug/L
Se	77	374.672	6.141		1.16791	6.07		ug/L
Se	82	-933.024	11.963		-2.20912	12.53		ug/L
Cd	111	39.333	32.293		0.00710	29.00		ug/L
Cd	114	43.231	12.320		0.00347	17.48		ug/L
> In	115	2267290.237	4.808					ug/L
Sn	118	2058.816	10.993		0.11236	7.24		ug/L
Pb	206	3788.502	0.581		0.33864	1.30		ug/L
Pb	207	3349.059	1.344		0.35186	1.48		ug/L
Pb	208	15218.513	1.171		0.34793	0.99		ug/L
> Bi	209	1063401.234	1.190					ug/L
C	12	72941563.610	0.058					ug/L
Kr	83	1906.128	6.908					ug/L
Cl	35	92746.796	1.326					ug/L
P	31	638653.581	1.719					ug/L
S	32	134948265.705	3.231					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0013

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:00:06

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0013.083

Autosampler Position: 341

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	408097.222	1.575					ug/L
As	75	1839.744	3.812		0.39708	4.10		ug/L
Se	77	376.005	6.915		1.17740	8.52		ug/L
Se	82	-1022.820	1.041		-2.43000	2.27		ug/L
Cd	111	86.000	16.112		0.01565	12.48		ug/L
Cd	114	175.947	14.491		0.01416	17.79		ug/L
> In	115	2255378.918	3.900					ug/L
Sn	118	3035.657	6.324		0.16702	8.24		ug/L
Pb	206	16596.308	3.118		1.48045	4.28		ug/L
Pb	207	13870.731	0.629		1.45400	1.59		ug/L
Pb	208	64939.258	1.928		1.48154	3.11		ug/L
> Bi	209	1065952.302	2.025					ug/L
C	12	71327618.086	2.186					ug/L
Kr	83	2006.141	1.385					ug/L
Cl	35	95232.518	2.668					ug/L
P	31	593091.941	6.091					ug/L
S	32	136817953.422	2.863					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0014

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:01:26

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0014.084

Autosampler Position: 342

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	416262.993	1.886					ug/L
As	75	1623.514	8.047		0.34371	8.90		ug/L
Se	77	364.005	14.568		1.11880	16.54		ug/L
Se	82	-897.181	5.107		-2.08850	3.51		ug/L
Cd	111	19.333	29.863		0.00353	28.91		ug/L
Cd	114	39.171	39.571		0.00312	37.23		ug/L
> In	115	2248339.885	3.954					ug/L
Sn	118	1767.443	3.174		0.09745	2.23		ug/L
Pb	206	3248.369	2.367		0.28787	3.48		ug/L
Pb	207	2884.291	1.742		0.30038	1.89		ug/L
Pb	208	12982.303	1.355		0.29424	2.18		ug/L
> Bi	209	1072785.765	1.241					ug/L
C	12	70782150.221	0.727					ug/L
Kr	83	1884.124	3.417					ug/L
Cl	35	92001.354	1.688					ug/L
P	31	636075.315	1.059					ug/L
S	32	146415957.310	3.580					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:02:45

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCV.085

Autosampler Position: 210

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	397485.454	0.237					ug/L
As	75	134898.361	1.222		29.88883	1.33		ug/L
Se	77	9182.286	3.721		29.49463	3.72		ug/L
Se	82	10881.457	1.505		26.53703	1.70		ug/L
[> Cd	111	158794.458	1.443		29.46540	3.82		ug/L
Cd	114	362284.876	2.516		29.56458	5.47		ug/L
[> In	115	2219537.227	3.844					ug/L
Sn	118	539847.218	3.974		30.17323	5.81		ug/L
[> Pb	206	306847.208	0.766		28.39140	0.77		ug/L
Pb	207	271457.193	1.451		29.52329	1.81		ug/L
Pb	208	1249033.327	1.026		29.55917	0.52		ug/L
[> Bi	209	1027239.791	0.604					ug/L
C	12	6503641.438	1.738					ug/L
Kr	83	1890.125	3.196					ug/L
Cl	35	43775.665	2.610					ug/L
P	31	654818.956	2.728					ug/L
S	32	146004376.752	5.313					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:04:33

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCV.086

Autosampler Position: 210

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	578311.272	76.641					ug/L
As	75	3590.099	44.563		0.66379	35.13		ug/L
Se	77	192.001	16.371		0.63304	73.46		ug/L
Se	82	-1408.300	40.929		-2.96334	40.48		ug/L
Cd	111	20.667	73.913		0.00424	101.05		ug/L
Cd	114	54.508	60.577		0.00410	41.89		ug/L
> In	115	2690266.936	67.003					ug/L
Sn	118	470.677	72.849		0.02157	12.28		ug/L
Pb	206	116.667	67.106		0.00756	11.77		ug/L
Pb	207	110.001	71.003		0.00837	20.50		ug/L
Pb	208	512.005	67.323		0.00872	27.59		ug/L
> Bi	209	1455544.544	61.385					ug/L
C	12	3486151.948	30.160					ug/L
Kr	83	2859.653	41.628					ug/L
Cl	35	24080.876	21.024					ug/L
P	31	729852.954	80.481					ug/L
S	32	44676488.991	35.320					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCB

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:05:52

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCB.087

Autosampler Position: 211

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	399818.835	2.843					ug/L
As	75	1888.723	1.893		0.41617	2.37		ug/L
Se	77	409.339	6.109		1.30786	6.64		ug/L
Se	82	-848.933	2.577		-2.05846	1.52		ug/L
Cd	111	16.667	45.431		0.00312	45.08		ug/L
Cd	114	15.847	80.698		0.00131	80.95		ug/L
> In	115	2196778.228	0.563					ug/L
Sn	118	1962.805	20.850		0.11078	21.14		ug/L
Pb	206	206.001	1.942		0.01811	2.74		ug/L
Pb	207	199.335	9.104		0.02059	8.49		ug/L
Pb	208	853.343	9.967		0.01918	9.35		ug/L
> Bi	209	1081059.213	0.834					ug/L
C	12	5536292.211	0.981					ug/L
Kr	83	1895.459	2.753					ug/L
Cl	35	42061.839	1.443					ug/L
P	31	603237.183	3.206					ug/L
S	32	129094216.189	3.762					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:11:19

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCV.089

Autosampler Position: 210

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	385695.154	3.654					ug/L
As	75	131722.422	1.195		30.11165	4.73		ug/L
Se	77	9169.609	1.105		30.37289	2.53		ug/L
Se	82	10542.330	1.053		26.51694	3.50		ug/L
[> Cd	111	156372.527	0.594		29.63081	2.65		ug/L
Cd	114	359617.794	2.981		29.96164	4.54		ug/L
[> In	115	2172457.139	2.489					ug/L
Sn	118	538200.488	2.844		30.72421	5.14		ug/L
[> Pb	206	305228.716	1.417		28.54529	0.79		ug/L
Pb	207	267255.365	1.991		29.37777	1.64		ug/L
Pb	208	1215864.197	1.690		29.08355	0.80		ug/L
[> Bi	209	1016288.783	1.027					ug/L
C	12	5023375.363	0.917					ug/L
Kr	83	2006.808	3.057					ug/L
Cl	35	41788.407	3.285					ug/L
P	31	632753.092	6.311					ug/L
S	32	S	S					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCB

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:12:40

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCB.090

Autosampler Position: 211

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	395242.370	1.327					ug/L
As	75	2067.385	5.952		0.46092	7.18		ug/L
Se	77	451.340	8.665		1.45897	9.60		ug/L
Se	82	-835.332	8.647		-2.05031	9.89		ug/L
Cd	111	20.000	26.458		0.00383	28.07		ug/L
Cd	114	46.904	28.597		0.00393	27.86		ug/L
> In	115	2154860.046	1.681					ug/L
Sn	118	2070.820	19.023		0.11905	18.58		ug/L
Pb	206	240.002	14.240		0.02246	13.85		ug/L
Pb	207	213.335	14.073		0.02346	13.75		ug/L
Pb	208	946.679	0.854		0.02267	1.78		ug/L
> Bi	209	1015489.152	1.101					ug/L
C	12	5441077.940	1.808					ug/L
Kr	83	1946.133	5.254					ug/L
Cl	35	41806.428	1.694					ug/L
P	31	584936.544	1.421					ug/L
S	32	137136817.084	3.695					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0015

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:14:01

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0015.091

Autosampler Position: 343

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	416269.358	3.672					ug/L
As	75	1795.719	7.747		0.38000	7.23		ug/L
Se	77	414.006	13.527		1.26690	10.11		ug/L
Se	82	-876.967	9.950		-2.04539	11.53		ug/L
Cd	111	21.333	21.651		0.00381	19.76		ug/L
Cd	114	55.107	51.238		0.00432	49.25		ug/L
> In	115	2295567.074	2.390					ug/L
Sn	118	1892.127	13.246		0.10227	14.19		ug/L
Pb	206	848.025	1.415		0.07581	3.63		ug/L
Pb	207	758.687	7.026		0.07981	9.56		ug/L
Pb	208	3429.495	2.239		0.07841	3.50		ug/L
> Bi	209	1063818.899	2.725					ug/L
C	12	80034395.122	1.365					ug/L
Kr	83	1899.460	4.181					ug/L
Cl	35	99679.903	0.834					ug/L
P	31	649570.994	4.886					ug/L
S	32	143357143.938	4.148					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0016

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:15:21

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0016.092

Autosampler Position: 344

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	403086.691	1.513					ug/L
As	75	1874.532	4.957		0.40977	6.18		ug/L
Se	77	356.671	7.613		1.13071	9.07		ug/L
Se	82	-914.614	13.701		-2.20185	14.64		ug/L
Cd	111	20.000	10.000		0.00369	8.51		ug/L
Cd	114	51.988	43.457		0.00419	40.26		ug/L
> In	115	2230808.232	4.462					ug/L
Sn	118	1737.440	13.404		0.09628	9.66		ug/L
Pb	206	1120.711	3.895		0.10213	2.07		ug/L
Pb	207	991.368	8.431		0.10617	7.36		ug/L
Pb	208	4527.616	4.260		0.10555	3.26		ug/L
> Bi	209	1042710.040	2.062					ug/L
C	12	70692489.152	0.723					ug/L
Kr	83	1938.799	6.571					ug/L
Cl	35	90479.627	0.301					ug/L
P	31	615416.815	2.495					ug/L
S	32	136348629.255	1.965					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0017

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:16:40

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0017.093

Autosampler Position: 345

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	392858.759	0.659					ug/L
As	75	1733.058	17.419		0.38841	17.26		ug/L
Se	77	352.004	5.208		1.14417	5.58		ug/L
Se	82	-1014.610	11.887		-2.50426	12.31		ug/L
Cd	111	140.667	10.766		0.02637	9.18		ug/L
Cd	114	338.786	5.830		0.02797	7.72		ug/L
> In	115	2192973.489	2.139					ug/L
Sn	118	2613.573	6.385		0.14774	6.89		ug/L
Pb	206	17167.643	1.090		1.56457	1.11		ug/L
Pb	207	14408.596	0.266		1.54368	2.21		ug/L
Pb	208	67570.196	0.479		1.57532	2.17		ug/L
> Bi	209	1043038.941	1.930					ug/L
C	12	62931112.314	0.472					ug/L
Kr	83	1937.465	3.813					ug/L
Cl	35	85485.029	1.164					ug/L
P	31	597808.695	0.557					ug/L
S	32	131911393.548	2.529					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0018

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:17:59

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0018.094

Autosampler Position: 346

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	396716.890	2.545					ug/L
As	75	1823.842	2.529		0.40520	4.82		ug/L
Se	77	391.339	8.813		1.25866	7.34		ug/L
Se	82	-877.794	17.682		-2.14162	15.94		ug/L
Cd	111	35.333	11.783		0.00667	10.60		ug/L
Cd	114	50.964	54.732		0.00425	55.42		ug/L
> In	115	2176588.876	1.224					ug/L
Sn	118	2044.150	20.777		0.11625	19.84		ug/L
Pb	206	3453.751	1.886		0.31963	1.58		ug/L
Pb	207	2968.308	1.037		0.32289	1.02		ug/L
Pb	208	13796.629	0.691		0.32659	0.60		ug/L
> Bi	209	1026992.383	0.352					ug/L
C	12	66924813.015	1.891					ug/L
Kr	83	1877.457	8.278					ug/L
Cl	35	87330.194	2.093					ug/L
P	31	621764.887	5.655					ug/L
S	32	136222514.378	2.156					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0019

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:19:19

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0019.095

Autosampler Position: 347

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	395177.609	0.669					ug/L
As	75	1722.372	9.605		0.38388	9.70		ug/L
Se	77	338.671	7.337		1.09438	7.61		ug/L
Se	82	-949.141	9.367		-2.32833	9.42		ug/L
Cd	111	40.667	18.619		0.00776	18.31		ug/L
Cd	114	79.176	37.381		0.00663	36.91		ug/L
> In	115	2155169.248	3.353					ug/L
Sn	118	4115.928	6.092		0.23678	6.44		ug/L
Pb	206	3227.031	2.849		0.29311	1.76		ug/L
Pb	207	2838.949	2.511		0.30319	3.42		ug/L
Pb	208	12805.570	1.544		0.29757	2.02		ug/L
> Bi	209	1046310.093	1.366					ug/L
C	12	72806667.085	0.689					ug/L
Kr	83	1920.796	2.604					ug/L
Cl	35	90919.757	0.945					ug/L
P	31	628269.647	0.561					ug/L
S	32	138866762.403	1.067					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162116018-0020

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:20:38

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\162116018-0020.096

Autosampler Position: 348

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	387901.063	1.312					ug/L
As	75	1813.449	7.600		0.41154	6.57		ug/L
Se	77	364.005	4.498		1.19780	3.23		ug/L
Se	82	-935.210	6.501		-2.33839	7.60		ug/L
Cd	111	14.000	37.796		0.00270	37.64		ug/L
Cd	114	42.588	27.715		0.00365	30.80		ug/L
> In	115	2127029.538	4.235					ug/L
Sn	118	2351.528	7.352		0.13704	6.88		ug/L
Pb	206	789.355	7.492		0.07212	6.11		ug/L
Pb	207	696.017	3.496		0.07477	1.96		ug/L
Pb	208	3112.798	2.851		0.07279	2.89		ug/L
> Bi	209	1039809.640	2.066					ug/L
C	12	57944929.520	1.507					ug/L
Kr	83	1887.458	1.867					ug/L
Cl	35	80551.927	2.955					ug/L
P	31	570197.873	2.679					ug/L
S	32	132518994.100	3.074					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICSA-1

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:21:59

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\ICSA-1.097

Autosampler Position: 215

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
> Ge	74	364232.341	0.831					ug/L
As	75	1916.448	5.484		0.46347	5.89		ug/L
Se	77	352.004	6.553		1.23370	6.13		ug/L
Se	82	-824.999	8.197		-2.19511	7.70		ug/L
Cd	111	22.667	36.735		0.00480	36.86		ug/L
Cd	114	48.138	20.560		0.00447	19.26		ug/L
> In	115	1944193.624	1.508					ug/L
Sn	118	1316.062	17.001		0.08400	17.97		ug/L
Pb	206	1815.449	1.941		0.19437	1.02		ug/L
Pb	207	1512.747	3.610		0.19034	2.60		ug/L
Pb	208	7131.369	2.159		0.19533	2.80		ug/L
> Bi	209	887715.568	1.262					ug/L
C	12	5561735.130	3.850					ug/L
Kr	83	1819.449	1.632					ug/L
Cl	35	48625.972	1.996					ug/L
P	31	596687.177	1.672					ug/L
S	32	165478361.856	2.410					mg/L

Analyte Mass Int Std % Recovery

> Ge	74
As	75
Se	77
Se	82
Cd	111
Cd	114
> In	115
Sn	118
Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICSAB-1

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:23:18

Number of Replicates: 3

Batch ID: 16Q210722-MSa2

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\ICSAB-1.098

Autosampler Position: 216

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	347495.866	2.075					ug/L
As	75	121597.506	0.673		30.82871	2.70		ug/L
Se	77	8322.424	2.338		30.59479	4.14		ug/L
Se	82	9989.060	3.997		27.87051	4.28		ug/L
[> Cd	111	140098.439	4.278		29.39898	2.97		ug/L
Cd	114	324222.425	1.398		29.92057	1.74		ug/L
[> In	115	1960355.307	1.342					ug/L
Sn	118	1224.720	10.341		0.07749	11.56		ug/L
[> Pb	206	278604.787	2.344		30.48513	2.67		ug/L
Pb	207	233528.374	1.882		30.03364	2.06		ug/L
Pb	208	1098047.496	1.092		30.73079	1.41		ug/L
[> Bi	209	868675.951	0.445					ug/L
C	12	5079434.934	1.462					ug/L
Kr	83	1884.791	2.155					ug/L
Cl	35	48468.753	0.787					ug/L
P	31	573792.144	2.047					ug/L
S	32	154515197.593	0.879					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:24:38

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCV.099

Autosampler Position: 210

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	371409.630	3.537					ug/L
As	75	126283.700	1.641		29.96628	3.49		ug/L
Se	77	8302.413	2.487		28.55240	2.46		ug/L
Se	82	10001.171	0.269		26.12506	3.74		ug/L
[> Cd	111	145549.070	0.862		28.89487	3.50		ug/L
Cd	114	337145.623	1.471		29.42975	4.44		ug/L
[> In	115	2074141.929	3.055					ug/L
Sn	118	496694.548	1.158		29.69564	3.69		ug/L
[> Pb	206	286502.756	1.362		28.42562	1.17		ug/L
Pb	207	257267.395	1.172		30.00262	1.30		ug/L
Pb	208	1165639.236	0.448		29.58219	1.06		ug/L
[> Bi	209	958022.033	1.492					ug/L
C	12	5163903.759	1.466					ug/L
Kr	83	1823.450	1.389					ug/L
Cl	35	46565.102	0.441					ug/L
P	31	588340.495	2.055					ug/L
S	32	150098237.347	4.047					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:26:25

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCV.100

Autosampler Position: 210

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	379780.235	0.788					ug/L
As	75	129230.858	0.345		29.96922	1.04		ug/L
Se	77	8766.690	2.130		29.47079	1.49		ug/L
Se	82	10367.230	1.215		26.46306	1.77		ug/L
[> Cd	111	153508.507	1.637		30.01438	3.60		ug/L
Cd	114	350792.960	2.346		30.15998	4.85		ug/L
[> In	115	2105905.742	3.108					ug/L
Sn	118	520192.350	2.596		30.64499	5.61		ug/L
[> Pb	206	294477.896	1.468		28.83877	2.10		ug/L
Pb	207	260293.424	2.312		29.95526	0.99		ug/L
Pb	208	1199223.783	0.272		30.03823	1.16		ug/L
[> Bi	209	970666.686	1.434					ug/L
C	12	5031700.537	1.715					ug/L
Kr	83	1905.460	2.157					ug/L
Cl	35	46062.153	1.609					ug/L
P	31	609538.616	1.164					ug/L
S	32	155359105.254	3.409					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCB

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Thursday, July 22, 2021 17:27:44

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m pbascd.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\072221\CCB.101

Autosampler Position: 211

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
[> Ge	74	389203.329	3.342					ug/L
As	75	2060.976	4.339		0.46681	6.07		ug/L
Se	77	437.340	9.421		1.43471	9.01		ug/L
Se	82	-882.617	7.835		-2.19873	7.66		ug/L
[> Cd	111	36.000	14.699		0.00693	16.82		ug/L
Cd	114	62.457	29.991		0.00530	32.10		ug/L
[> In	115	2143629.486	3.709					ug/L
Sn	118	2136.163	16.601		0.12365	17.04		ug/L
[> Pb	206	295.336	10.586		0.02758	11.67		ug/L
Pb	207	252.669	14.624		0.02775	15.73		ug/L
Pb	208	1164.685	2.467		0.02780	3.67		ug/L
[> Bi	209	1018672.291	1.242					ug/L
C	12	5401798.293	1.799					ug/L
Kr	83	1939.465	2.808					ug/L
Cl	35	45669.570	2.035					ug/L
P	31	591787.947	2.769					ug/L
S	32	159378960.416	4.030					mg/L

Analyte Mass Int Std % Recovery

[> Ge	74
As	75
Se	77
Se	82
[> Cd	111
Cd	114
[> In	115
Sn	118
[> Pb	206
Pb	207
Pb	208
[> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

INTERNAL CHAIN OF CUSTODY**Order ID: 162116018**

7/22/2021 11:06:17 AM

ASAP

7/23

Attn: Anye Dragotta
 Environmental Quality Management, Inc.
 1800 Carillon Blvd
 Cincinnati, OH 45240

Fax: (513) 825-7495 Phone: (800) 500-0575

Project: **JULIO PROPERTIES / 0087**

Customer ID: ENVQ51
 Customer PO: 0087
 Received: 07/22/21 10:00 AM

EMSL Order: 162116018
 EMSL Proj ID:
 Cust COC ID
 Project Type: Standard

REPORT TO INSTRUCTIONS

- Send Receipt Confirmation Emails Project ID required
 No electronic signatures Cust. COC ID required
 Billing Frequency Miscellaneous account

With Report -- Create and send an invoice for each Order ID

Accounting Terms: N45

Sales Rep and Comment: aderosa

Instructions

BILL TO INSTRUCTIONS

- Exempt from prep charge
 Exempt from off hour min charges
 Exempt from layer/aliquot charges
- Authorization to use credit card
 P.O. Required

Billing Frequency

With Report -- Create and send an invoice for each Order ID

Use Billing Contact:

Accounting Terms: N45

Payment Directions: With Report

2 metals

Internal Comment

DBB

Test: C-Metals by ICP-MS**Matrix**

Cassettes

TAT:

1 Day

Qty:

20

Desc: 7300 Modified

- Lab Opening Exempt For Test Prep Charge Exempt For Test
 Layer/Aliquot Charge Exempt For Test Free Shipping Eligible

Comments

Logged: aford 7/22/2021
Signoff: dbinghambur 7/22/2021
Sample Condition: Acceptable
 Unacceptable

Prepped: PF Date 7/22/21
Analyzed: ↓ Date
Data Entry ↓ Date
Screened: WF Date
Mailed: PF Date
Scanned Internal Docs: DBB Date 8/02/21

Special Test Instructions

Lab Sample #	Cust. Sample #	Location	Due Date
162116018-0001	JP-MAS-BG1-071421		7/23/2021 6:00:00 PM
162116018-0002	JP-MAS-BG2-071421		7/23/2021 6:00:00 PM
162116018-0003	JP-MAS-BG3-071421		7/23/2021 6:00:00 PM
162116018-0004	JP-MAS-BG4-071421		7/23/2021 6:00:00 PM
162116018-0005	JP-FB1-071421		7/23/2021 6:00:00 PM
162116018-0006	JP-MAS-DW-071521		7/23/2021 6:00:00 PM
162116018-0007	JP-MAS-UW-071521		7/23/2021 6:00:00 PM
162116018-0008	JP-MAS-CW1-071521		7/23/2021 6:00:00 PM

INTERNAL CHAIN OF CUSTODY**Order ID: 162116018****7/22/2021 11:06:17 AM**

Attn: Angye Dragotta
 Environmental Quality Management, Inc.
 1800 Carillon Blvd
 Cincinnati, OH 45240

Fax: (513) 825-7495 Phone: (800) 500-0575

Project: **JULIO PROPERTIES / 0087**

Customer ID: ENVQ51
 Customer PO: 0087
 Received: 07/22/21 10:00 AM

EMSL Order: 162116018
 EMSL Proj ID:
 Cust COC ID
 Project Type: Standard

Lab Sample #	Cust. Sample #	Location	Due Date
162116018-0009	JP-MAS-CW2-071521		7/23/2021 6:00:00 PM
162116018-0010	JP-FB1-071521		7/23/2021 6:00:00 PM
162116018-0011	JP-MAS-DW-071621		7/23/2021 6:00:00 PM
162116018-0012	JP-MAS-UW-071621		7/23/2021 6:00:00 PM
162116018-0013	JP-MAS-CW1-071621		7/23/2021 6:00:00 PM
162116018-0014	JP-MAS-CW2-071621		7/23/2021 6:00:00 PM
162116018-0015	JP-FB1-071621		7/23/2021 6:00:00 PM
162116018-0016	JP-MAS-DW-071721		7/23/2021 6:00:00 PM
162116018-0017	JP-MAS-UW-071721		7/23/2021 6:00:00 PM
162116018-0018	JP-MAS-CW1-071721		7/23/2021 6:00:00 PM
162116018-0019	JP-MAS-CW2-071721		7/23/2021 6:00:00 PM
162116018-0020	JP-FB1-071721		7/23/2021 6:00:00 PM

OrderID: 162116018

Environmental Quality Management, Inc.

JULIO PROPERTIES / 0087

7/22/2021 10:00

TAT: 1 Day

C-Metals by ICP-MS

Order ID: 162116018

No Samples: 20

Due: 07/23 6:00 PM

Fax: 513-825-7495

Date: 7/22/2021

ICP-MS Air Cassette Preparation Log					
NIOSH 7303 Modified					
				Hot Block ID #:	D
				Tube Lot #	503817-4932
QC Batch ID:	16Q210722-MSair 2	Digestion start:	14:34	Temp start:	96.5
Initials:	AF	Digestion end:	15:05	Temp end:	+
LCS/LCSD:	MS16-21-266	HNO ₃ Reference #	C16-21-094		
Std1 ref#:	MS16-21-257	HCl Reference #	C16-20-105	Pipette ID:	E11
Std2 ref#:	MS16-21-258	Std5 ref#:	MS16-21-261		
Std3 ref#:	MS16-21-259	Std6 ref#:	MS16-21-262		
Std4 ref#:	MS16-21-260	Std7 ref#:	MS16-21-263		
ICV	MS16-21-264	ICSA-1	MS16-21-267		
CCV	MS16-21-265	ICSAB-1	MS16-21-268		
Sample	Client Volume (L)	mL Spike	Final Volume (mL)		
Matrix Blank	_____	0	50		
RLVS 1 (yearly)	_____	0.5mL STD7 & 0.0225mL Cal Mix 2			
RLVS 2 (yearly)	_____	0.025 mL each Cal Mix 1, 2, & 3			
RLVS Be (yearly)	_____	0.1 mL STD 7			
LCS	_____	0.5 mL LCS Spiking solution			
LCSD	_____	0.5 mL LCS Spiking solution			
162116018-1	1642	0			
162116018-2	1642	0			
162116018-3	1593	0			
162116018-4	1602	0			
162116018-5	0	0			
162116018-6	1762	0			
162116018-7	1578	0			
162116018-8	1734	0			
162116018-9	1722	0			
162116018-10	0	0			
162116018-11	1761	0			
162116018-12	1829	0			
162116018-13	1829	0			
162116018-14	1705	0			
162116018-15	0	0			
162116018-16	1292	0			
162116018-17	1347	0			
162116018-18	1357	0			
162116018-19	1307	0			
162116018-20	0	0			
To each sample add 5 mL OPTIMA HNO₃ (Conc).					
30 mins					
To each sample add 1 mL 30% H₂O₂					
15 mins					

Signature of Preparer: Alein YdDate: 7/22/21

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

162116018

Company : EGM		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1800 CARILLON BLVD. City CINCINNATI State/Province: OH		Third Party Billing requires written authorization from third party Zip/Postal Code: 45240 Country: US	
Report To (Name): ANGUE DRAGOTTA Email Address: ADRAZOTTA@CBM.COM Project Name/Number: JULIOPROPERTIES/0087 U.S. State Samples Taken: MI		Fax #:	Purchase Order: Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email
		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

 3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air AF	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input checked="" type="checkbox"/>
Wipe* *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: ASHLEY MILLER, MSL, USEPA

Signature of Sampler:

Sample #	SAMPLE ID	Location	Volume/Area	Date/Time Sampled
	JP-MAS-B61-071421	AM	1642 L / 3.3 L/min	07/14/21 0823-1640
	JP-MAS-B62-071421		1642 L 3.3 L/min	07/14/21 0820
	JP-MAS-B63-071421		1593 L / 3.3 L/min	07/14/21 0835-1637
	JP-MAS-B64-071421		1602 L / 33L/min	07/14/21 0840-1639
	JP-FBI-071421		n/a - FIELD BLANK	07/14/21

Client Sample #'s

Total # of Samples: 20

Relinquished (Client):	ASHLIE MILLER, MSL, USEPA	Date:	07/19/2021	Time:	1430
Received (Lab):	FCDEX	Date:	07/19/2021	Time:	1430

Comments:

RESULTS ALSO TO J.BINKLEY@MANIKS.MILITARY.GOV
Colleen Paddock 7/12/21 9:30 AM

Controlled Document --- Lead (Pb) CCC - R6-812/2012

RCV'd (Lab) 7/20/21 10 am FDX

Page 1 of 2 pages



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY
EMSL ORDER ID (*Lab Use Only*):

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample ID	Location AM	Volume/Area	Date/Time Sampled
	JP-MAS-DW-071521		1762 L / 3.3L/min	07/15/2021 0758-1648
	JP-MAS-UW-071521		1678 L /	0810-1633
	JP-MAS-CW1-071521		1734 L /	0802-1642
	JP-MAS-CW2-071521		1722 L /	0815-1650
	JP-FBI-071521		n/a - FIELD BLANK	
	JP-MAS-DW-071621		1761 L / 3.3L/min	0810-07/16/2021 1703
	JP-MAS-UW-071621		1829 L /	0758-1710
	JP-MAS-CW1-071621		1829 L /	0802-1713
	JP-MAS-CW2-071621		1705 L /	0815-1645
	JP-FBI-071621		n/a - FIELD BLANK	
	JP-MAS-DW-071721		1292 L / 3.3L/min	0813-07/17/2021 1443
	JP-MAS-UW-071721		1347 L /	0759-1445
	JP-MAS-CW1-071721		1357 L /	0750-1439
	JP-MAS-CW2-071721		1307 L /	0805-1438
	JP-FBI-071721		n/a - FIELD BLANK	

Comments/Special Instructions:

OrderID: 162116018

Customer Name: Environmental Quality Management, Inc.

Order ID: 162116018

Purchase Order: 0087

Order Date: 7/22/2021

Project ID:

Sales Rep: aderosa

Comment:

Sample #: 162116018-0001

Cust Sample #: JP-MAS-BG1-071421

Site:

Recv'd: <input checked="" type="checkbox"/>	Collector:	Date Collected:	7/14/21	
Quantity: 1	Matrix: Cassettes	Date Received:	7/22/21 10:00 AM	
Comment:				

Test
C-Metals by ICP-MS

Test Group

Method

Due Date

Parameters
Arsenic
Lead

Sample #: 162116018-0002

Cust Sample #: JP-MAS-BG2-071421

Site:

Recv'd: <input checked="" type="checkbox"/>	Collector:	Date Collected:	7/14/21	
Quantity: 1	Matrix: Cassettes	Date Received:	7/22/21 10:00 AM	
Comment:				

Test
C-Metals by ICP-MS

Test Group

Method

Due Date

Parameters
Arsenic
Lead

Sample #: 162116018-0003

Cust Sample #: JP-MAS-BG3-071421

Site:

Recv'd: <input checked="" type="checkbox"/>	Collector:	Date Collected:	7/14/21	
Quantity: 1	Matrix: Cassettes	Date Received:	7/22/21 10:00 AM	
Comment:				

Test
C-Metals by ICP-MS

Test Group

Method

Due Date

Parameters
Arsenic
Lead

Sample #: 162116018-0004

Cust Sample #: JP-MAS-BG4-071421

Site:

Recv'd: <input checked="" type="checkbox"/>	Collector:	Date Collected:	7/14/21	
Quantity: 1	Matrix: Cassettes	Date Received:	7/22/21 10:00 AM	
Comment:				

Test
C-Metals by ICP-MS

Test Group

Method

Due Date

Parameters
Arsenic
Lead

Sample #: 162116018-0005

Cust Sample #: JP-FB1-071421

Site:

Recv'd: <input checked="" type="checkbox"/>	Collector:	Date Collected:	7/14/21	
Quantity: 1	Matrix: Cassettes	Date Received:	7/22/21 10:00 AM	
Comment:				

Test
C-Metals by ICP-MS

Test Group

Method

Due Date

Parameters
Arsenic
Lead

Sample #: 162116018-0006

Cust Sample #: JP-MAS-DW-071521

Site:

Recv'd: <input checked="" type="checkbox"/>	Collector:	Date Collected:	7/15/21	
Quantity: 1	Matrix: Cassettes	Date Received:	7/22/21 10:00 AM	
Comment:				

Test
C-Metals by ICP-MS

Test Group

Method

Due Date

Parameters
Arsenic
Lead

OrderID: 162116018

Customer Name: Environmental Quality Management, Inc.

Order ID: 162116018

Purchase Order: 0087

Order Date: 7/22/2021

Project ID:

Sales Rep: aderosa

Comment:

Sample #: 162116018-0007

Cust Sample #: JP-MAS-UW-071521

Site:

Recv'd:

Collector:

Date Collected:

7/15/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test	Test Group	Method	Due Date	Parameters
C-Metals by ICP-MS		7300 Modified	7/23/2021	Arsenic Lead

Sample #: 162116018-0008

Cust Sample #: JP-MAS-CW1-071521

Site:

Recv'd:

Collector:

Date Collected:

7/15/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test	Test Group	Method	Due Date	Parameters
C-Metals by ICP-MS		7300 Modified	7/23/2021	Arsenic Lead

Sample #: 162116018-0009

Cust Sample #: JP-MAS-CW2-071521

Site:

Recv'd:

Collector:

Date Collected:

7/15/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test	Test Group	Method	Due Date	Parameters
C-Metals by ICP-MS		7300 Modified	7/23/2021	Arsenic Lead

Sample #: 162116018-0010

Cust Sample #: JP-FB1-071521

Site:

Recv'd:

Collector:

Date Collected:

7/15/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test	Test Group	Method	Due Date	Parameters
C-Metals by ICP-MS		7300 Modified	7/23/2021	Arsenic Lead

Sample #: 162116018-0011

Cust Sample #: JP-MAS-DW-071621

Site:

Recv'd:

Collector:

Date Collected:

7/16/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test	Test Group	Method	Due Date	Parameters
C-Metals by ICP-MS		7300 Modified	7/23/2021	Arsenic Lead

Sample #: 162116018-0012

Cust Sample #: JP-MAS-UW-071621

Site:

Recv'd:

Collector:

Date Collected:

7/16/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test	Test Group	Method	Due Date	Parameters
C-Metals by ICP-MS		7300 Modified	7/23/2021	Arsenic Lead

OrderID: 162116018

Customer Name: Environmental Quality Management, Inc.

Order ID: 162116018

Purchase Order: 0087

Order Date: 7/22/2021

Project ID:

Sales Rep: aderosa

Comment:

Sample #: 162116018-0013

Cust Sample #: JP-MAS-CW1-071621

Site:

Recv'd:

Collector:

Date Collected:

7/16/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test

Test Group

Method

Due Date

Parameters

C-Metals by ICP-MS

7300 Modified

7/23/2021

Arsenic

Lead

Sample #: 162116018-0014

Cust Sample #: JP-MAS-CW2-071621

Site:

Recv'd:

Collector:

Date Collected:

7/16/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test

Test Group

Method

Due Date

Parameters

C-Metals by ICP-MS

7300 Modified

7/23/2021

Arsenic

Lead

Sample #: 162116018-0015

Cust Sample #: JP-FB1-071621

Site:

Recv'd:

Collector:

Date Collected:

7/16/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test

Test Group

Method

Due Date

Parameters

C-Metals by ICP-MS

7300 Modified

7/23/2021

Arsenic

Lead

Sample #: 162116018-0016

Cust Sample #: JP-MAS-DW-071721

Site:

Recv'd:

Collector:

Date Collected:

7/17/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test

Test Group

Method

Due Date

Parameters

C-Metals by ICP-MS

7300 Modified

7/23/2021

Arsenic

Lead

Sample #: 162116018-0017

Cust Sample #: JP-MAS-UW-071721

Site:

Recv'd:

Collector:

Date Collected:

7/17/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test

Test Group

Method

Due Date

Parameters

C-Metals by ICP-MS

7300 Modified

7/23/2021

Arsenic

Lead

Sample #: 162116018-0018

Cust Sample #: JP-MAS-CW1-071721

Site:

Recv'd:

Collector:

Date Collected:

7/17/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test

Test Group

Method

Due Date

Parameters

C-Metals by ICP-MS

7300 Modified

7/23/2021

Arsenic

Lead

OrderID: 162116018

Customer Name: Environmental Quality Management, Inc.

Order ID: 162116018

Purchase Order: 0087

Order Date: 7/22/2021

Project ID:

Sales Rep: aderosa

Comment:

Sample #: 162116018-0019

Cust Sample #: JP-MAS-CW2-071721

Site:

Recv'd:

Collector:

Date Collected:

7/17/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test	Test Group	Method	Due Date	Parameters
C-Metals by ICP-MS		7300 Modified	7/23/2021	Arsenic Lead

Sample #: 162116018-0020

Cust Sample #: JP-FB1-071721

Site:

Recv'd:

Collector:

Date Collected:

7/17/21

Quantity: 1

Matrix: Cassettes

Date Received:

7/22/21 10:00 AM

Comment:

Test	Test Group	Method	Due Date	Parameters
C-Metals by ICP-MS		7300 Modified	7/23/2021	Arsenic Lead

SAMPLE CONDITION RECORD

Are samples submitted with a chain of custody?

Are the number of samples the same as stated on the chain of custody?

Are bottle caps tight and securely in place?

Were all containers intact when received?

Were samples submitted in an ice chest?

Were samples received cold?

Were samples within the holding time for the requested test(s)?

Is the volume of sample submitted sufficient for the requested tests?

Are all samples for volatile organic analyses free of headspace?



EMSL Analytical, Inc.

Sample Transfer Form

Receiving Lab:	EMSL-Cinnaminson		Phone Number:	
			Fax Number:	
Relinquished to:	EMSL-Indy		Phone Number:	
			Fax Number:	
Does new lab hold equivalent or additional accreditation? *			<input type="checkbox"/> Yes	<input type="checkbox"/> No
EMSL Customer ID # (if known):		ENVQ51		
Client Name:		EQM		
Client Project:		Please See COC'S		
Tests to be Performed:		7300 metals		
Date Received:		7/21/21		
Date Relinquished:		7/21/21		
Date Due:		ASAP		
Special Instructions: (e.g. Work Order #, required qualifications, project specific procedures/modifications)		2 projects. See emails for metals		
Relinquished by (Signature): <i>Barbara Clark</i>		Date: 7/21/21	Received by (Signature): <i>[Signature]</i>	Date: 7/22/21
Relinquished by (Signature):		Date:	Received by (Signature):	Date:
Customer Agreement- Please sign form and send to the receiving laboratory. By signing below, you agree to permit the above named receiving lab to transfer samples to a separate EMSL lab with equivalent qualifications* for analysis. The final report will be issued from the analyzing laboratory. Ensure any requirements are listed in special instructions.				
Name (please print):		Signature:	Agent of:	Date:
<i>If this is a recurring project or sample type that may require samples to be relinquished on a regular basis, a Standing Agreement form must be completed.</i>				

* Receiving and analyzing labs shall be aware of required qualifications of project prior to transfer of samples.

Note: If customer has been notified and approved this transfer verbally or by e-mail, the receiving lab must sign for the customer above. EMSL employee filling out form on behalf of customer shall print name of person to whom they spoke, date agreement was received, and then sign under Signature.

Carter, Barbara

From: Ford, Allison
Sent: Wednesday, July 21, 2021 11:58 AM
To: DeRosa, Anthony; Carter, Barbara; EMSL Lab - Indianapolis
Cc: Kreider, Debbie; Albert, Travis; Palladino, Colleen
Subject: RE: 7300 cassettes

Sounds Good!



Allison Ford | Chemistry/IH Lab Manager
EMSL Analytical, Inc. | 6340 CastlePlace Dr. | Indianapolis, IN 46250
Phone: 317-803-2987 | Fax: 317-803-3047 | Toll Free: 866-736-4824

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From: DeRosa, Anthony <aderosa@EMSL.com>
Sent: Wednesday, July 21, 2021 11:52 AM
To: Ford, Allison <aford@EMSL.com>; Carter, Barbara <bcarter@EMSL.com>; EMSL Lab - Indianapolis <indianapolislab@EMSL.com>
Cc: Kreider, Debbie <Dkreider@EMSL.com>; Albert, Travis <talbert@EMSL.com>; Palladino, Colleen <cpalladino@EMSL.com>
Subject: RE: 7300 cassettes

Lead and arsenic



Anthony DeRosa | Sales Representative
EMSL Analytical, Inc. | 200 Route 130 North | Cinnaminson, NJ 08077
Phone: 856-303-2581 Cell: 609-519-3990 | Fax: 856-786-5974 | Toll Free: 800-220-3675

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To: DeRosa, Anthony <aderosa@EMSL.com>; Carter, Barbara <bcarter@EMSL.com>; EMSL Lab - Indianapolis <indianapolislab@EMSL.com>
Cc: Kreider, Debbie <Dkreider@EMSL.com>; Albert, Travis <talbert@EMSL.com>; Palladino, Colleen <cpalladino@EMSL.com>
Subject: RE: 7300 cassettes

Okay, I just need to know the metals if they are the standard metals we can take them.



Allison Ford | Chemistry/IH Lab Manager
EMSL Analytical, Inc. | 6340 CastlePlace Dr. | Indianapolis, IN 46250
Phone: 317-803-2997 | Fax: 317-803-3047 | Toll Free: 866-736-4824

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From: DeRosa, Anthony <aderosa@EMSL.com>
Sent: Wednesday, July 21, 2021 11:26 AM
To: Carter, Barbara <bcarter@EMSL.com>; Ford, Allison <aford@EMSL.com>; EMSL Lab - Indianapolis <indianapolislab@EMSL.com>
Cc: Kreider, Debbie <Dkreider@EMSL.com>; Albert, Travis <talbert@EMSL.com>; Palladino, Colleen <cpalladino@EMSL.com>
Subject: RE: 7300 cassettes

I just emailed them to see what metals they are looking for.

Everything should be logged in under ENVQ51 as the report to.



Anthony DeRosa | Sales Representative
EMSL Analytical, Inc. | 200 Route 130 North | Cinnaminson, NJ 08077
Phone: 856-303-2581 Cell: 609-519-3990 | Fax: 856-786-5974 | Toll Free: 800-220-3675

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From: Carter, Barbara <bcarter@EMSL.com>

Sent: Wednesday, July 21, 2021 11:22 AM

To: Ford, Allison <aford@EMSL.com>; EMSL Lab - Indianapolis <indianapolislab@EMSL.com>

Cc: Kreider, Debbie <Dkreider@EMSL.com>; Albert, Travis <talbert@EMSL.com>; Palladino, Colleen

<cpalladino@EMSL.com>; DeRosa, Anthony <aderosa@EMSL.com>

Subject: 7300 cassettes

Hi Allison,

Please see the attached COC's. Please confirm if you can take the 7300 cassettes for these projects.

Anthony,

Please reach out to your client and confirm if we can send these out and what metals they require for this project. The quickest we can provide here in Cinnaminson is 2 weeks. They also have you listed as the report to contact and EMSL as the company name.

Thank you,



Barbara Carter | Log In/Sample Receiving
EMSL Analytical, Inc. | 200 Route 130 North | Cinnaminson, NJ 08077
Phone: 856-858-4800 | Fax: 856-786-5974 | Toll Free: 800-220-3675

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Align top of FedEx Express® shipping label here.

ORIGIN ID: MINDIA	(856) 858-4800	SHIP DATE: 21 JUL 21
EMSL ANALYTICAL, INC.		ACT WTG: 3.00 LB
200 ROUTE 130 NORTH		CHD: 251810565/WX13500
CINNABINTON, NJ 08077		
UNITED STATES US		BILL SENDER

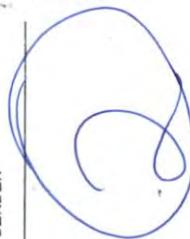
TO SAMPLE RECEIVING

EMSL ANALYTICAL, INC.
6340 CASTLEPLACE DR.

INDIANAPOLIS IN 46250

(317) 803-2987
 INV: Q16
 PO:

REF: CHEMISTRY
 DEPT: Q16



TRK# 2817 0151 5928
 0201

THU - 22 JUL 10:30A
 PRIORITY OVERNIGHT

46250
 IN-US IND
 Me ND MZZA



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 handle, or re-export, any package or shipment from the US, if shipper certifies that the commodity, technology or software were exported from the US in accordance with the Export Administration
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Express

Ford, Allison

From: DeRosa, Anthony
Sent: Wednesday, July 21, 2021 11:52 AM
To: Ford, Allison; Carter, Barbara; EMSL Lab - Indianapolis
Cc: Kreider, Debbie; Albert, Travis; Palladino, Colleen
Subject: RE: 7300 cassettes

Lead and arsenic



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Subject: RE: 7300 cassettes

Okay, I just need to know the metals if they are the standard metals we can take them.



Allison Ford | Chemistry/IH Lab Manager
EMSL Analytical, Inc. | 6340 CastlePlace Dr. | Indianapolis, IN 46250
Phone: 317-803-2997 | Fax: 317-803-3047 | Toll Free: 866-736-4824

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[LABConnect](#) | [Order Products](#) | [Client Corner](#) | [Training](#) | [Additional Resources](#) | [Sampling Videos](#)

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this communication is strictly prohibited. If you received this email in error, please notify the sender by reply email and delete all copies and attachments.
Thank you."

From: DeRosa, Anthony <aderosa@EMSL.com>
Sent: Wednesday, July 21, 2021 11:26 AM
To: Carter, Barbara <bcarter@EMSL.com>; Ford, Allison <aford@EMSL.com>; EMSL Lab - Indianapolis <indianapolislab@EMSL.com>
Cc: Kreider, Debbie <Dkreider@EMSL.com>; Albert, Travis <talbert@EMSL.com>; Palladino, Colleen <cpalladino@EMSL.com>
Subject: RE: 7300 cassettes

I just emailed them to see what metals they are looking for.

Everything should be logged in under ENVQ51 as the report to.



Anthony DeRosa | Sales Representative
EMSL Analytical, Inc. | 200 Route 130 North | Cinnaminson, NJ 08077
Phone: 856-303-2581 Cell: 609-519-3990 | Fax: 856-786-5974 | Toll Free: 800-220-3675

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From: Carter, Barbara <bcarter@EMSL.com>
Sent: Wednesday, July 21, 2021 11:22 AM
To: Ford, Allison <aford@EMSL.com>; EMSL Lab - Indianapolis <indianapolislab@EMSL.com>
Cc: Kreider, Debbie <Dkreider@EMSL.com>; Albert, Travis <talbert@EMSL.com>; Palladino, Colleen <cpalladino@EMSL.com>; DeRosa, Anthony <aderosa@EMSL.com>
Subject: 7300 cassettes

Hi Allison,

Please see the attached COC's. Please confirm if you can take the 7300 cassettes for these projects.

Anthony,

Please reach out to your client and confirm if we can send these out and what metals they require for this project. The quickest we can provide here in Cinnaminson is 2 weeks. They also have you listed as the report to contact and EMSL as the company name.

Thank you,



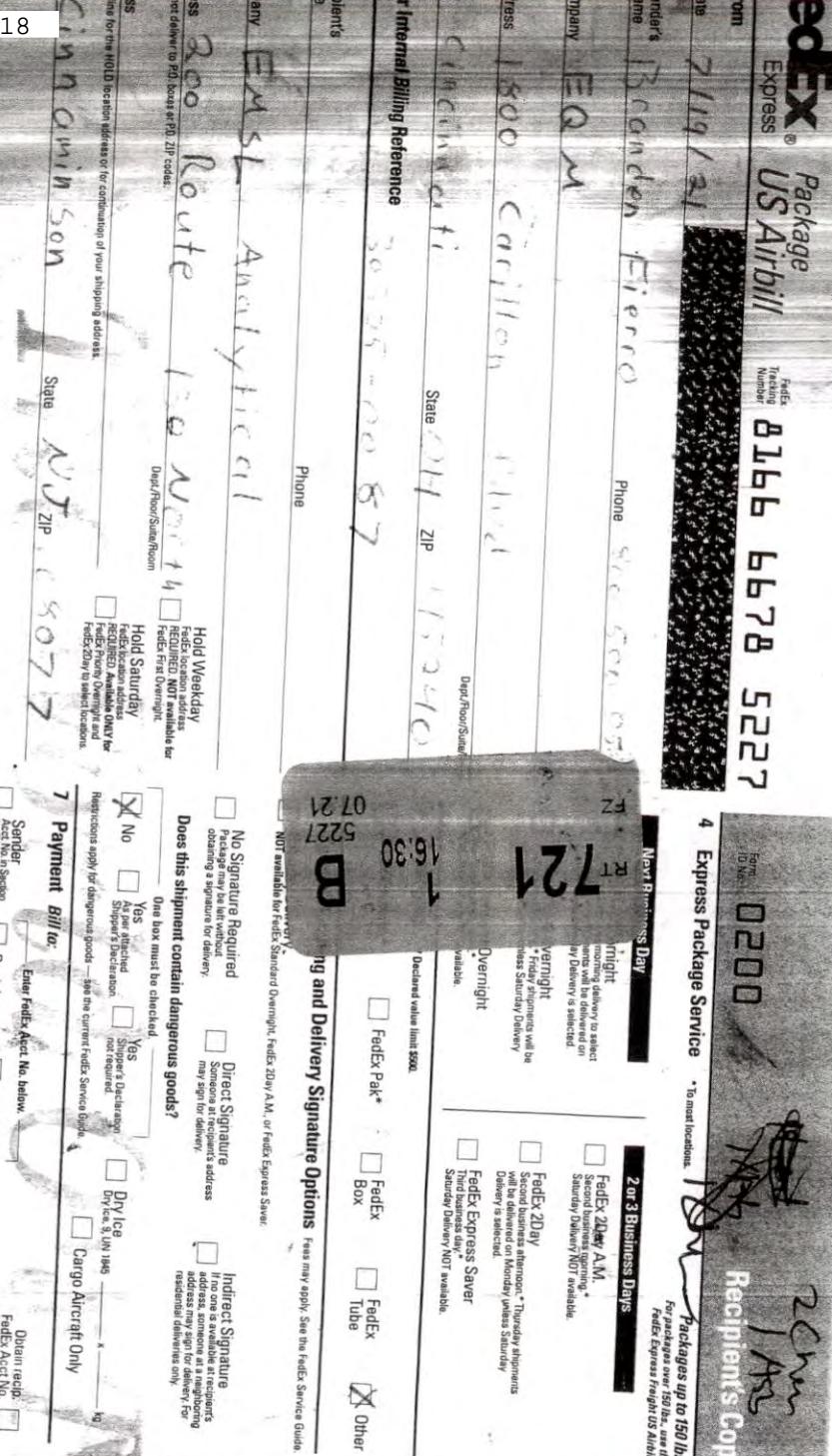
Barbara Carter | Log In/Sample Receiving
EMSL Analytical, Inc. | 200 Route 130 North | Cinnaminson, NJ 08077
Phone: 856-858-4800 | Fax: 856-786-5974 | Toll Free: 800-220-3675

COVID-19 Update: *EMSL Analytical, Inc. remains open as an essential business. To view real-time status updates for each of our 45 laboratories in the US and Canada, download EMSL's free smart device application via the [iTunes App Store - Apple](#) or [Google Play](#). APP updates are posted under Support / Lab Hours.*

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[LABConnect](#) | [Order Products](#) | [Client Corner](#) | [Training](#) | [Additional Resources](#) | [Sampling Videos](#)

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TUE - 20 JUL A
fedex

Page 18 Of 18

**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone: (317) 803-2997 Fax: (317) 803-3047 Email: indianapolislab@emsl.com

Attn: **Angye Dragotta**
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (513) 825-7500
Fax: (513) 825-7495

3/30/2022

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/6/2021. The results are tabulated on the attached data pages for the following client designated project:

Julio Properties/0087

The reference number for these samples is EMSL Order #162117694. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (317) 803-2997.

Approved By:

Aleksandrea Kuchenbrod, Inorganic Chemistry Lab Manager

Report amended 03/30/2022 17:06:28 Replaces initial report from 08/09/2021 09:52:47 Client requested a change to the project name

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements unless specifically indicated. The final results are not blank corrected unless specifically indicated. The laboratory is not responsible for final results calculated using air volumes that have been provided by non-laboratory personnel. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.


EMSL Analytical, Inc.

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com>indianapolislab@emsl.com

EMSL Order: 162117694
 CustomerID: ENVQ51
 CustomerPO: 0087
 ProjectID:

Attn: **Angye Dragotta**
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (513) 825-7500
 Fax: (513) 825-7495
 Received: 8/6/2021 09:50 AM
 Collected:

Project: **Julio Properties/0087**

Analytical Results

Client Sample Description	JP-MAS-DW-080221	Collected:	Lab ID:	162117694-0001
----------------------------------	------------------	-------------------	----------------	----------------

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
---------------	------------------	---------------	-----------	--------------	--------------------------------	------------------------------------

METALS

7300 Modified	Lead	<0.033	0.033	µg/m³	8/6/2021	AK	8/6/2021	AK
---------------	------	--------	-------	-------	----------	----	----------	----

Client Sample Description	JP-MAS-UW-080221	Collected:	Lab ID:	162117694-0002
----------------------------------	------------------	-------------------	----------------	----------------

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
---------------	------------------	---------------	-----------	--------------	--------------------------------	------------------------------------

METALS

7300 Modified	Lead	<0.034	0.034	µg/m³	8/6/2021	AK	8/6/2021	AK
---------------	------	--------	-------	-------	----------	----	----------	----

Client Sample Description	JP-MAS-CW1-080221	Collected:	Lab ID:	162117694-0003
----------------------------------	-------------------	-------------------	----------------	----------------

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
---------------	------------------	---------------	-----------	--------------	--------------------------------	------------------------------------

METALS

7300 Modified	Lead	<0.034	0.034	µg/m³	8/6/2021	AK	8/6/2021	AK
---------------	------	--------	-------	-------	----------	----	----------	----

Client Sample Description	JP-MAS-CW2-080221	Collected:	Lab ID:	162117694-0004
----------------------------------	-------------------	-------------------	----------------	----------------

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
---------------	------------------	---------------	-----------	--------------	--------------------------------	------------------------------------

METALS

7300 Modified	Lead	<0.035	0.035	µg/m³	8/6/2021	AK	8/6/2021	AK
---------------	------	--------	-------	-------	----------	----	----------	----

Client Sample Description	JP-FB1-080221	Collected:	Lab ID:	162117694-0005
----------------------------------	---------------	-------------------	----------------	----------------

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
---------------	------------------	---------------	-----------	--------------	--------------------------------	------------------------------------

METALS

7300 Modified	Lead	<0.050	0.050	µg/filter	8/6/2021	AK	8/6/2021	AK
---------------	------	--------	-------	-----------	----------	----	----------	----

Client Sample Description	JP-EB-080221	Collected:	Lab ID:	162117694-0006
----------------------------------	--------------	-------------------	----------------	----------------

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
---------------	------------------	---------------	-----------	--------------	--------------------------------	------------------------------------

METALS


EMSL Analytical, Inc.

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com>indianapolislab@emsl.com

EMSL Order: 162117694
 CustomerID: ENVQ51
 CustomerPO: 0087
 ProjectID:

Attn: **Angye Dragotta**
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (513) 825-7500
 Fax: (513) 825-7495
 Received: 8/6/2021 09:50 AM
 Collected:

Project: **Julio Properties/0087**

Analytical Results

Client Sample Description	JP-EB-080221	Collected:	Lab ID:	162117694-0006
Method	Parameter	Result	RL Units	Prep Date & Analyst

METALS

7300 Modified	Lead	<0.050	0.050 µg/filter	8/6/2021	AK	8/6/2021	AK
---------------	------	--------	-----------------	----------	----	----------	----

Client Sample Description	JP-MAS-DW-080421	Collected:	Lab ID:	162117694-0007	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst

METALS

7300 Modified	Lead	<0.029	0.029 µg/m³	8/6/2021	AK	8/6/2021	AK
---------------	------	--------	-------------	----------	----	----------	----

Client Sample Description	JP-MAS-UW-080421	Collected:	Lab ID:	162117694-0008	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst

METALS

7300 Modified	Lead	0.031	0.027 µg/m³	8/6/2021	AK	8/6/2021	AK
---------------	------	-------	-------------	----------	----	----------	----

Client Sample Description	JP-MAS-CW1-080421	Collected:	Lab ID:	162117694-0009	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst

METALS

7300 Modified	Lead	<0.028	0.028 µg/m³	8/6/2021	AK	8/6/2021	AK
---------------	------	--------	-------------	----------	----	----------	----

Client Sample Description	JP-MAS-CW2-080421	Collected:	Lab ID:	162117694-0010	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst

METALS

7300 Modified	Lead	0.064	0.027 µg/m³	8/6/2021	AK	8/6/2021	AK
---------------	------	-------	-------------	----------	----	----------	----

Client Sample Description	JP-FB1-080421	Collected:	Lab ID:	162117694-0011	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst

METALS

**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com>

EMSL Order:	162117694
CustomerID:	ENVQ51
CustomerPO:	0087
ProjectID:	

Attn: **Angye Dragotta**
Environmental Quality Management, Inc.
1800 Carillon Blvd
Cincinnati, OH 45240

Phone: (513) 825-7500
Fax: (513) 825-7495
Received: 8/6/2021 09:50 AM
Collected:

Project: **Julio Properties/0087**

Analytical Results

Client Sample Description	JP-FB1-080421	Collected:	Lab ID: 162117694-0011			
----------------------------------	---------------	-------------------	-------------------------------	--	--	--

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
7300 Modified	Lead	<0.050	0.050	µg/filter	8/6/2021 AK	8/6/2021 AK

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

akuchenbrod

10/12/2021 11:27:40AM

QC Batch Summary

Log Book #	
Page	

Batch:	16Q210806-MSA	Created:	8/6/21 12:41 pm	Test	C-Metals by ICP-MS
Instrument:	16-Nexion350	By:	akuchenbrod	Method:	7300 Modified
Initial Cal Std				Matrix:	Cassettes
Cal Check Std					
Internal Std					
LCS Std					
MS Std					
		Samples:			
		162117672-0001	162117673-0003	162117694-0001	162117694-0006
		162117672-0002	162117673-0004	162117694-0002	162117694-0007
		162117672-0003	162117689-0001	162117694-0003	162117694-0008
		162117673-0001	162117689-0002	162117694-0004	162117694-0009
		162117673-0002	162117689-0003	162117694-0005	162117694-0010

Blanks

Lab Sample

Method Blank[1]

Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed
Lead		1.00	0.050	0.0028 µg/filter	0.057 ppb	8/6/21 2:32 pm

Samples

Lab Sample Client Sample

162117694-0001 JP-MAS-DW-080221

Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed
Lead	1514	1.00	0.033	0.0058 µg/m³	0.18 ppb	8/6/21 12:00 am

162117694-0002 JP-MAS-UW-080221

Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed
Lead	1491	1.00	0.034	0.0067 µg/m³	0.20 ppb	8/6/21 12:00 am

162117694-0003 JP-MAS-CW1-080221

Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed
Lead	1492	1.00	0.034	0.0093 µg/m³	0.28 ppb	8/6/21 12:00 am

162117694-0004 JP-MAS-CW2-080221

Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed
Lead	1440	1.00	0.035	0.019 µg/m³	0.55 ppb	8/6/21 12:00 am

162117694-0005 JP-FB1-080221

Analyte	Volume	DF	RL	Reported Concentration	Measured Concentration	Analyzed
Lead		1.00	0.050	0.019 µg/filter	0.38 ppb	8/6/21 12:00 am

162117694-0006 JP-EB-080221

Analyte	Volume	DF	RL	Reported Concentration	Measured Concentration	Analyzed
Lead		1.00	0.050	0.011 µg/filter	0.22 ppb	8/6/21 12:00 am

162117694-0007 JP-MAS-DW-080421

Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed
Lead	1751	1.00	0.029	0.016 µg/m³	0.56 ppb	8/6/21 12:00 am

akuchenbrod

10/12/2021 11:27:45AM

QC Batch Summary

Log Book #	
Page	

Batch:	16Q210806-MSA	Created:	8/6/21 12:41 pm	Test	C-Metals by ICP-MS
Instrument:	16-Nexion350	By:	akuchenbrod	Method:	7300 Modified
Initial Cal Std				Matrix:	Cassettes
Cal Check Std		Samples:			
Internal Std	162117672-0001 162117672-0002 162117672-0003 162117673-0001 162117673-0002	162117673-0003 162117673-0004 162117689-0001 162117689-0002 162117689-0003	162117694-0001 162117694-0002 162117694-0003 162117694-0004 162117694-0005	162117694-0006 162117694-0007 162117694-0008 162117694-0009 162117694-0010	
LCS Std					
MS Std					

Samples

Lab Sample	Client Sample						
162117694-0008	JP-MAS-UW-080421						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Lead	1826	1.00	0.027	0.031 µg/m³	1.1 ppb	8/6/21 12:00 am	
162117694-0009	JP-MAS-CW1-080421						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Lead	1787	1.00	0.028	0.027 µg/m³	0.98 ppb	8/6/21 12:00 am	
162117694-0010	JP-MAS-CW2-080421						
Analyte	Volume L	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Lead	1852	1.00	0.027	0.064 µg/m³	2.4 ppb	8/6/21 12:00 am	
162117694-0011	JP-FB1-080421						
Analyte	Volume	DF	RL	Reported Concentration	Measured Concentration	Analyzed	
Lead		1.00	0.050	0.000077 µg/filter	0.0015 ppb	8/6/21 12:00 am	

Laboratory Control Standard/Duplicate

Accuracy						Precision		
Type	Analyzed	Type	Analyzed					
LCS[1]	8/6/21 2:34 pm	LCSD[1]	8/6/21 2:35 pm					
Analyte	Spk Conc. µg/filter	Conc. µg/filter	% LCS	ACP	Conc. µg/filter	% LCSD	% RPD	ACP %RPD
Lead	2.5	2.5	100.5	80-120	2.6	102.3	1.9	0-20

Reporting Limit Verification Sample

Accuracy					
Type	Analyzed				
RLVS[1]	8/6/21 2:33 pm				
Analyte	Spk Conc. µg/filter	Conc. µg/filter	% RLVS	ACP	% RLVS
Lead	0.050	0.052	104.9	70-130	

Printed: 10/12/2021

ICP Interference Check Summary

Sequence: 20210806-009
 Created: 8/6/2021 1:14:29PM
 Created By: akuchenbrod
 Instrument: 16-Nexion350

Started: 8/6/2021 2:30:47PM
 Finished: 8/6/2021 2:31:48PM

Sample	Analyzed	Analyst	Batch ID				
			Analyte	True Conc.	Measured	Qual	% Rec.
ICSA-1[1]	8/6/2021 2:30:47PM	akuchenbrod	Lead	0.00	0.23ppb		80 - 120
ICSAB-1[1]	8/6/2021 2:31:48PM	akuchenbrod	Lead	30	30ppb		99.8 80 - 120

(*) Result outside control limits (#) Sample Result > 4 x spike amt (x) No solids data

QC Standards							
QC STD 1							
	Sample Id	R	Acquisition Time	Pb 206	Pb 207	Pb 208	Bi 209 (IS)
11	ICV		8/6/2021 2:28:44 PM	28.554	29.492	29.413	
	<i>RSD</i>			1.6%	1.3%	0.2%	
	<i>% Recovery</i>			95.2%	98.3%	98.0%	
QC STD 2							
	Sample Id	R	Acquisition Time	Pb 206	Pb 207	Pb 208	Bi 209 (IS)
12	ICB		8/6/2021 2:29:45 PM	0.015	0.017	0.016	
	<i>RSD</i>			3.4%	13.9%	5.4%	
	<i>% Recovery</i>						
QC STD 3							
	Sample Id	R	Acquisition Time	Pb 206	Pb 207	Pb 208	Bi 209 (IS)
22	CCV		8/6/2021 2:39:57 PM	27.874	28.633	28.686	
	<i>RSD</i>			1.0%	4.1%	1.6%	
	<i>% Recovery</i>			92.9%	95.4%	95.6%	
34	CCV		8/6/2021 2:52:08 PM	29.953	30.923	30.754	
	<i>RSD</i>			0.1%	0.5%	1.1%	
	<i>% Recovery</i>			99.8%	103.1%	102.5%	
46	CCV		8/6/2021 3:04:15 PM	28.643	29.679	29.422	
	<i>RSD</i>			2.0%	2.3%	1.0%	
	<i>% Recovery</i>			95.5%	98.9%	98.1%	
QC STD 4							
	Sample Id	R	Acquisition Time	Pb 206	Pb 207	Pb 208	Bi 209 (IS)
23	CCB		8/6/2021 2:40:58 PM	0.008	0.010	0.008	
	<i>RSD</i>			11.0%	13.4%	5.9%	
	<i>% Recovery</i>						
35	CCB		8/6/2021 2:53:09 PM	0.008	0.012	0.010	
	<i>RSD</i>			8.9%	20.9%	0.4%	
	<i>% Recovery</i>						
47	CCB		8/6/2021 3:05:14 PM	0.010	0.012	0.010	
	<i>RSD</i>			10.6%	12.8%	8.9%	
	<i>% Recovery</i>						

Sample ID: Calibration Blank

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:21:38

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\Calibration Blank.156

Autosampler Position: 201

Analyte	Mass Measured	Intensity Mean	M. I. RSD	Concentration Mean	Conc. RSD	Units
Pb	206	159.334	0.725			ug/L
Pb	207	110.667	6.842			ug/L
Pb	208	589.338	5.518			ug/L
> Bi	209	1580910.125	0.949			ug/L
C	12	5687096.927	1.238			ug/L
Kr	83	1115.377	3.897			ug/L
Cl	35	110741.576	0.358			ug/L
P	31	808211.922	2.633			ug/L
S	32	337916847.075	6.021			mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 2

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:22:40

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\Standard 2.157

Autosampler Position: 203

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	17758.368	2.340		1.00000	3.75	ug/L	
Pb	207	14354.545	2.602		1.00000	0.98	ug/L	
Pb	208	68191.079	0.564		1.00000	1.66	ug/L	
> Bi	209	1585798.586	1.658					ug/L
C	12	6793503.549	1.472					ug/L
Kr	83	1032.037	5.247					ug/L
Cl	35	115396.427	2.735					ug/L
P	31	798283.811	2.323					ug/L
S	32	345089238.010	2.152					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 3

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:23:40

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\Standard 3.158

Autosampler Position: 204

Analyte	Mass Measured	Intensity Mean	M. I. RSD	Concentration Mean	Conc. RSD	Units
Pb	206	182479.058	2.099	10.00348	4.41	ug/L
Pb	207	150939.974	1.365	10.00557	2.90	ug/L
Pb	208	713804.900	1.633	10.00522	3.97	ug/L
> Bi	209	1585730.826	2.816			ug/L
C	12	6746521.527	1.317			ug/L
Kr	83	1006.035	4.175			ug/L
Cl	35	116964.297	1.718			ug/L
P	31	812681.784	3.495			ug/L
S	32	337669588.797	5.811			mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 4

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:24:41

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\Standard 4.159

Autosampler Position: 205

Analyte	Mass Measured	Intensity Mean	M. I. RSD	Concentration Mean	Conc. RSD	Units
Pb	206	340025.771	1.697	19.80338	1.43	ug/L
Pb	207	285119.008	3.188	19.86133	2.76	ug/L
Pb	208	1320183.246	1.531	19.77314	0.92	ug/L
> Bi	209	1550120.505	0.635			ug/L
C	12	6975893.943	1.391			ug/L
Kr	83	1026.037	4.222			ug/L
Cl	35	115836.514	1.890			ug/L
P	31	802581.873	0.869			ug/L
S	32	330544534.549	5.651			mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 5

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:25:42

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\Standard 5.160

Autosampler Position: 206

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	507184.118	0.998		30.05386	1.05	ug/L	
Pb	207	422622.896	2.238		30.01799	2.15	ug/L	
Pb	208	1974507.837	0.971		30.06623	0.48	ug/L	
> Bi	209	1518928.960	0.611					ug/L
C	12	6853854.302	0.792					ug/L
Kr	83	1046.038	5.736					ug/L
Cl	35	116458.111	0.738					ug/L
P	31	817761.684	1.344					ug/L
S	32	330089656.152	5.414					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 6

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:26:43

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\Standard 6.161

Autosampler Position: 207

Analyte	Mass Measured	Intensity Mean	M. I. RSD	Concentration Mean	Conc. RSD	Units
Pb	206	814911.365	1.111	49.49436	0.97	ug/L
Pb	207	685832.654	0.632	49.65314	1.04	ug/L
Pb	208	3162596.512	0.914	49.44565	0.88	ug/L
> Bi	209	1508822.799	0.613			ug/L
C	12	6927439.130	1.972			ug/L
Kr	83	1048.038	0.688			ug/L
Cl	35	125598.521	2.010			ug/L
P	31	841473.128	1.179			ug/L
S	32	318427923.486	1.767			mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Standard 7

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:27:43

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\Standard 7.162

Autosampler Position: 208

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	1611974.699	1.365		100.06171	0.21	ug/L	
Pb	207	1330524.882	2.590		99.60057	1.37	ug/L	
Pb	208	6110184.550	1.227		99.36959	0.40	ug/L	
> Bi	209	1474124.646	1.540					ug/L
C	12	7363620.809	2.344					ug/L
Kr	83	1074.040	6.354					ug/L
Cl	35	127228.789	1.497					ug/L
P	31	813941.948	2.986					ug/L
S	32	322408837.288	2.972					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:28:44

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\ICV.163

Autosampler Position: 209

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	496983.328	1.391		28.55385	1.57	ug/L	
Pb	207	425605.702	1.449		29.49240	1.30	ug/L	
Pb	208	1954053.117	0.248		29.41315	0.22	ug/L	
> Bi	209	1592286.164	0.264					ug/L
C	12	5703015.690	0.539					ug/L
Kr	83	1084.041	1.760					ug/L
Cl	35	114184.537	0.818					ug/L
P	31	804134.576	3.464					ug/L
S	32	329365224.264	1.895					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICB

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:29:45

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\ICB.164

Autosampler Position: 211

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	417.339	0.998		0.01500	3.40	ug/L	
Pb	207	350.004	7.296		0.01680	13.93	ug/L	
Pb	208	1607.368	1.149		0.01551	5.44	ug/L	
> Bi	209	1577150.690	2.667					ug/L
C	12	5296285.616	2.965					ug/L
Kr	83	1063.373	8.663					ug/L
Cl	35	109199.205	1.952					ug/L
P	31	778732.563	2.971					ug/L
S	32	S	S					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICSA-1

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:30:47

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\ICSA-1.165

Autosampler Position: 215

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	3846.531	19.916		0.23324	17.92	ug/L	
Pb	207	3135.022	22.440		0.23057	20.87	ug/L	
Pb	208	14673.689	21.241		0.23337	19.56	ug/L	
> Bi	209	1447390.186	2.640					ug/L
C	12	5366554.562	1.192					ug/L
Kr	83	1040.038	2.885					ug/L
Cl	35	107528.617	2.093					ug/L
P	31	779124.865	3.419					ug/L
S	32	S	S					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICSAB-1

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:31:48

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\ICSAB-1.166

Autosampler Position: 216

Analyte	Mass Measured	Intensity Mean	M. I. RSD	Concentration Mean	Conc.	RSD	Units
Pb	206	479599.103	0.522	30.07177	1.26	ug/L	
Pb	207	395157.576	1.604	29.89014	3.16	ug/L	
Pb	208	1822177.467	0.430	29.93591	1.99	ug/L	
> Bi	209	1459207.058	1.576				ug/L
C	12	5410965.512	1.230				ug/L
Kr	83	1113.377	1.155				ug/L
Cl	35	108455.531	1.529				ug/L
P	31	822934.401	3.766				ug/L
S	32	302371057.248	7.777				mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: Method Blank

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:32:49

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\Method Blank.167

Autosampler Position: 218

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	1174.716	18.365		0.05710	22.97	ug/L	
Pb	207	952.699	14.615		0.05713	18.52	ug/L	
Pb	208	4451.606	15.008		0.05690	19.28	ug/L	
> Bi	209	1624553.671	2.122					ug/L
C	12	72795391.905	0.707					ug/L
Kr	83	1059.373	2.284					ug/L
Cl	35	130086.534	2.604					ug/L
P	31	773019.741	2.982					ug/L
S	32	310611962.708	3.626					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: RLVS

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:33:50

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\RLVS.168

Autosampler Position: 219

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	18098.797	2.867		1.02088	3.82	ug/L	
Pb	207	15124.673	2.872		1.03048	3.79	ug/L	
Pb	208	70968.614	2.269		1.04926	3.21	ug/L	
> Bi	209	1608207.382	0.902					ug/L
C	12	76266936.196	1.140					ug/L
Kr	83	1070.707	1.498					ug/L
Cl	35	130010.937	0.664					ug/L
P	31	779303.595	1.002					ug/L
S	32	309739668.078	0.879					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: LCS

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:34:51

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\LCS.169

Autosampler Position: 220

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	875226.311	2.687		50.37310	3.76	ug/L	
Pb	207	710709.161	2.097		49.31746	1.00	ug/L	
Pb	208	3331251.127	1.448		50.22479	2.31	ug/L	
> Bi	209	1590141.576	1.159					ug/L
C	12	72679336.002	0.748					ug/L
Kr	83	1083.374	4.996					ug/L
Cl	35	127217.326	1.210					ug/L
P	31	807721.188	3.363					ug/L
S	32	292407202.441	7.413					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: LCSD

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:35:52

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\LCSD.170

Autosampler Position: 221

Analyte	Mass Measured	Intensity Mean	M. I. RSD	Concentration Mean	Conc. RSD	Units
Pb	206	862199.242	0.728	50.28594	1.13	ug/L
Pb	207	724783.435	2.496	50.97902	2.10	ug/L
Pb	208	3348952.153	0.695	51.17225	1.15	ug/L
> Bi	209	1568879.306	1.210			ug/L
C	12	72580844.179	1.535			ug/L
Kr	83	1024.703	3.303			ug/L
Cl	35	125491.489	1.156			ug/L
P	31	801567.270	5.965			ug/L
S	32	308085290.147	4.033			mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:39:57

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\CCV.174

Autosampler Position: 210

Analyte	Mass Measured	Intensity Mean	M. I. RSD	Concentration Mean	Conc. RSD	Units
Pb	206	493021.674	0.986	27.87365	1.01	ug/L
Pb	207	419743.928	2.293	28.63330	4.11	ug/L
Pb	208	1936540.686	0.437	28.68644	1.57	ug/L
> Bi	209	1618303.963	1.949			ug/L
C	12	5865523.410	0.190			ug/L
Kr	83	1064.706	4.227			ug/L
Cl	35	93591.656	1.968			ug/L
P	31	785082.147	1.004			ug/L
S	32	297997643.627	2.156			mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCB

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:40:58

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\CCB.175

Autosampler Position: 211

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	290.670	6.892		0.00774	11.00	ug/L	
Pb	207	250.002	9.831		0.00986	13.36	ug/L	
Pb	208	1135.351	2.392		0.00844	5.89	ug/L	
> Bi	209	1566979.192	2.320					ug/L
C	12	5402027.777	1.141					ug/L
Kr	83	1099.376	4.822					ug/L
Cl	35	95268.624	0.879					ug/L
P	31	762927.950	4.922					ug/L
S	32	303316945.594	0.422					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0001

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:49:05

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0001.183

Autosampler Position: 111

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	3350.393	0.629		0.17787	1.13	ug/L	
Pb	207	2789.606	0.395		0.18015	0.73	ug/L	
Pb	208	12586.120	0.951		0.17520	1.50	ug/L	
> Bi	209	1638877.024	1.095					ug/L
C	12	69807945.483	0.373					ug/L
Kr	83	1038.705	6.011					ug/L
Cl	35	118799.382	1.992					ug/L
P	31	778396.120	3.036					ug/L
S	32	288576977.675	3.329					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0002

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:50:06

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0002.184

Autosampler Position: 112

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	3645.132	2.003		0.19797	1.95	ug/L	
Pb	207	2998.315	0.521		0.19793	4.11	ug/L	
Pb	208	14107.396	1.118		0.20121	3.34	ug/L	
> Bi	209	1610617.603	3.646					ug/L
C	12	69827920.732	1.317					ug/L
Kr	83	1115.377	2.780					ug/L
Cl	35	112452.197	0.482					ug/L
P	31	800129.230	4.854					ug/L
S	32	279938129.903	4.485					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0003

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:51:06

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0003.185

Autosampler Position: 113

Analyte	Mass Measured	Intensity Mean	M. I. RSD	Concentration Mean	Conc. RSD	Units
Pb	206	5158.265	2.149	0.28158	2.24	ug/L
Pb	207	4167.275	3.676	0.27556	2.75	ug/L
Pb	208	19347.721	1.601	0.27685	2.43	ug/L
> Bi	209	1623602.376	2.645			ug/L
C	12	71662462.427	0.500			ug/L
Kr	83	1006.036	6.500			ug/L
Cl	35	117318.461	1.093			ug/L
P	31	790983.032	2.393			ug/L
S	32	286551309.642	4.984			mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:52:08

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\CCV.186

Autosampler Position: 210

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	502182.246	1.216		29.95309	0.12	ug/L	
Pb	207	429820.522	0.788		30.92260	0.55	ug/L	
Pb	208	1967954.230	1.293		30.75392	1.14	ug/L	
> Bi	209	1533790.625	1.325					ug/L
C	12	6080075.343	0.707					ug/L
Kr	83	1046.038	2.015					ug/L
Cl	35	81987.279	1.099					ug/L
P	31	792756.434	0.240					ug/L
S	32		S					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCB

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:53:09

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\CCB.187

Autosampler Position: 211

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	302.670	5.047		0.00849	8.86	ug/L	
Pb	207	276.003	11.662		0.01177	20.92	ug/L	
Pb	208	1252.022	1.268		0.01026	0.39	ug/L	
> Bi	209	1563496.973	1.204					ug/L
C	12	5475027.697	2.200					ug/L
Kr	83	1074.707	5.863					ug/L
Cl	35	81207.533	1.632					ug/L
P	31	761646.900	4.594					ug/L
S	32	290480589.789	3.473					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0004

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:54:10

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0004.188

Autosampler Position: 114

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	9739.320	2.537		0.54900	1.60	ug/L	
Pb	207	7935.538	3.062		0.54106	4.37	ug/L	
Pb	208	37011.272	1.000		0.54697	2.22	ug/L	
> Bi	209	1596571.845	1.796					ug/L
C	12	72706717.284	0.533					ug/L
Kr	83	1054.039	6.714					ug/L
Cl	35	114113.292	0.494					ug/L
P	31	767856.876	1.488					ug/L
S	32	273657707.611	12.403					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0005

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:55:10

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0005.189

Autosampler Position: 115

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	6565.509	2.773		0.37410	4.74	ug/L	
Pb	207	5427.698	2.570		0.37461	5.66	ug/L	
Pb	208	25378.147	2.888		0.37934	5.50	ug/L	
> Bi	209	1568584.459	3.075					ug/L
C	12	68556670.965	1.006					ug/L
Kr	83	1106.710	3.344					ug/L
Cl	35	115860.635	1.097					ug/L
P	31	794022.706	4.259					ug/L
S	32	273353893.423	2.548					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0006

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:56:12

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0006.190

Autosampler Position: 116

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	3874.526	4.900		0.20877	5.20	ug/L	
Pb	207	3444.415	2.962		0.22595	1.83	ug/L	
Pb	208	15524.632	2.564		0.21987	2.04	ug/L	
> Bi	209	1626600.326	1.215					ug/L
C	12	67839851.133	1.885					ug/L
Kr	83	1058.706	7.269					ug/L
Cl	35	110770.489	0.975					ug/L
P	31	776043.460	1.679					ug/L
S	32	282710264.919	2.711					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0007

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:57:11

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0007.191

Autosampler Position: 117

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	9530.512	1.903		0.54969	4.38	ug/L	
Pb	207	7992.902	1.574		0.55747	3.29	ug/L	
Pb	208	36982.662	0.506		0.55908	2.33	ug/L	
> Bi	209	1561559.960	2.557					ug/L
C	12	67190893.286	1.405					ug/L
Kr	83	1096.709	0.380					ug/L
Cl	35	108582.494	1.572					ug/L
P	31	752007.226	1.765					ug/L
S	32	276619559.544	3.802					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0008

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:58:11

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0008.192

Autosampler Position: 118

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	19187.544	0.704		1.11110	1.44	ug/L	
Pb	207	15886.830	1.502		1.11122	3.04	ug/L	
Pb	208	73795.473	1.685		1.11981	1.32	ug/L	
> Bi	209	1567596.980	2.064					ug/L
C	12	67721863.770	0.767					ug/L
Kr	83	1101.376	3.433					ug/L
Cl	35	104781.538	0.418					ug/L
P	31	751741.270	3.619					ug/L
S	32	287006948.387	1.101					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0009

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 14:59:12

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0009.193

Autosampler Position: 119

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	16807.883	1.193		0.97797	1.42	ug/L	
Pb	207	13555.098	2.787		0.95247	2.91	ug/L	
Pb	208	63953.110	1.143		0.97519	1.85	ug/L	
> Bi	209	1558141.986	0.886					ug/L
C	12	68109784.203	1.291					ug/L
Kr	83	1122.044	2.999					ug/L
Cl	35	118043.764	1.463					ug/L
P	31	800384.891	1.097					ug/L
S	32	284691552.620	1.123					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0010

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 15:00:13

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0010.194

Autosampler Position: 120

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	39557.366	1.395		2.33209	0.94	ug/L	
Pb	207	32484.228	1.311		2.31127	1.65	ug/L	
Pb	208	152488.198	0.566		2.35633	2.88	ug/L	
> Bi	209	1546348.844	2.339					ug/L
C	12	70061829.343	0.411					ug/L
Kr	83	1030.037	1.028					ug/L
Cl	35	108626.779	0.815					ug/L
P	31	757835.956	1.865					ug/L
S	32	S	S					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: 162117694-0011

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 15:01:13

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\162117694-0011.195

Autosampler Position: 121

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	198.001	14.673		0.00190	99.28	ug/L	
Pb	207	171.334	7.772		0.00384	16.00	ug/L	
Pb	208	712.673	4.511		0.00153	48.20	ug/L	
> Bi	209	1634236.747	2.658					ug/L
C	12	68413970.175	1.826					ug/L
Kr	83	1080.041	6.407					ug/L
Cl	35	107146.438	2.184					ug/L
P	31	791286.771	1.851					ug/L
S	32	276606758.680	3.850					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICSA-1

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 15:02:13

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\ICSA-1.196

Autosampler Position: 215

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	2837.615	3.623		0.18111	3.84	ug/L	
Pb	207	2291.517	3.538		0.17765	3.80	ug/L	
Pb	208	10816.265	0.301		0.18113	0.42	ug/L	
> Bi	209	1364343.622	0.111					ug/L
C	12	6056611.684	0.610					ug/L
Kr	83	1046.038	6.515					ug/L
Cl	35	83320.975	1.406					ug/L
P	31	763224.756	1.617					ug/L
S	32	296371388.580	3.608					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: ICSAB-1

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 15:03:13

Number of Replicates: 3

Batch ID: 16Q210806-MSA

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\ICSAB-1.197

Autosampler Position: 216

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	455393.501	2.804		30.07193	4.95	ug/L	
Pb	207	367867.301	1.176		29.29422	3.68	ug/L	
Pb	208	1770271.139	0.998		30.61158	1.76	ug/L	
> Bi	209	1386472.010	2.576					ug/L
C	12	5809208.103	1.034					ug/L
Kr	83	1088.708	0.943					ug/L
Cl	35	83548.273	0.697					ug/L
P	31	774713.233	2.177					ug/L
S	32	280652112.004	6.741					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCV

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 15:04:15

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\CCV.198

Autosampler Position: 210

Analyte	Mass Measured	Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	482789.269	2.048		28.64276	1.99	ug/L	
Pb	207	414765.016	2.349		29.67945	2.34	ug/L	
Pb	208	1892884.919	0.902		29.42245	1.04	ug/L	
> Bi	209	1541977.769	0.474					ug/L
C	12	5790524.702	0.243					ug/L
Kr	83	1068.707	2.555					ug/L
Cl	35	82970.258	0.923					ug/L
P	31	787934.372	1.444					ug/L
S	32	294071835.070	0.294					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

Sample ID: CCB

ICP-MS ELAN NexION S/N 85XN6031603

Sample Date/Time: Friday, August 06, 2021 15:05:14

Number of Replicates: 3

Batch ID:

Method File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\fast-epa 6020a + niosh 7300m lead only.mth

Dataset File: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\080621\CCB.199

Autosampler Position: 211

Analyte	Mass	Measured Intensity	Mean M. I.	RSD	Concentration	Mean Conc.	RSD	Units
Pb	206	309.337	5.973		0.00972	10.59	ug/L	
Pb	207	271.336	9.816		0.01230	12.82	ug/L	
Pb	208	1150.017	6.220		0.00951	8.91	ug/L	
> Bi	209	1494150.108	1.869					ug/L
C	12	5315318.279	0.364					ug/L
Kr	83	1058.706	4.040					ug/L
Cl	35	79800.272	0.827					ug/L
P	31	754872.573	2.294					ug/L
S	32	300260470.311	2.419					mg/L

Analyte Mass Int Std % Recovery

Pb	206
Pb	207
Pb	208
> Bi	209
C	12
Kr	83
Cl	35
P	31
S	32

INTERNAL CHAIN OF CUSTODY**Order ID: 162117694**

8/6/2021 12:05:23 PM

8/9

Attn: Annye Dragotta
 Environmental Quality Management, Inc.
 1800 Carillon Blvd
 Cincinnati, OH 45240
 Fax: (513) 825-7495 Phone: (800) 500-0575
 Project: Julio Properties/0087- SD 414/122
 Julio Properties/0087

Customer ID: ENVQ51
 Customer PO: 0087
 Received: 08/06/21 9:50 AM
 EMSL Order: 162117694
 EMSL Proj ID:
 Cust COC ID:
 Project Type: Standard

REPORT TO INSTRUCTIONS

- Send Receipt Confirmation Emails Project ID required
 No electronic signatures Cust. COC ID required
 Billing Frequency Miscellaneous account

With Report -- Create and send an invoice for each Order ID

Accounting Terms: N45

Sales Rep and Comment: aderosa

BILL TO INSTRUCTIONS

- Exempt from prep charge Authorization to use credit card
 Exempt from off hour min charges P.O. Required
 Exempt from layer/aliquot charges

Billing Frequency

With Report -- Create and send an invoice for each Order ID

Use Billing Contact:

Accounting Terms: N45

Payment Directions: With Report

Instructions

Instructions

--PO must be on all correspondence
 -terms & conditions apply to PO's

Internal Comment

Test: C-Metals by ICP-MS**Desc: 7300 Modified**

- Lab Opening Exempt For Test Prep Charge Exempt For Test
 Layer/Aliquot Charge Exempt For Test Free Shipping Eligible

Comments

Matrix

Cassettes

TAT:

1 Day

Qty: 11**Logged:** akuchenbrod 8/6/2021**Signoff:** akuchenbrod 8/6/2021**Sample Condition:** Acceptable Unacceptable**Date:** 8/6/21**Prepped:** *AMC***Analyzed:****Date:****Data Entry:****Date:****Screened:****Date:** 8/9/21**Mailed:****Date:****Scanned Internal Docs:****Date:**

Special Test Instructions

Lab Sample #	Cust. Sample #	Location	Due Date
162117694-0001	JP-MAS-DW-080221		8/9/2021 6:00:00 PM
162117694-0002	JP-MAS-UW-080221		8/9/2021 6:00:00 PM
162117694-0003	JP-MAS-CW1-080221		8/9/2021 6:00:00 PM
162117694-0004	JP-MAS-CW2-080221		8/9/2021 6:00:00 PM
162117694-0005	JP-FB1-080221		8/9/2021 6:00:00 PM
162117694-0006	JP-EB-080221		8/9/2021 6:00:00 PM
162117694-0007	JP-MAS-DW-080421		8/9/2021 6:00:00 PM
162117694-0008	JP-MAS-UW-080421		8/9/2021 6:00:00 PM

INTERNAL CHAIN OF CUSTODY**Order ID: 162117694****8/6/2021 12:05:23 PM**

Attn:	Angie Dragotta Environmental Quality Management, Inc. 1800 Carillon Blvd Cincinnati, OH 45240	Customer ID:	ENVQ51
Fax:	(513) 825-7495	Customer PO:	0087
Project:	Julio Properties/0087 SD 4/4/22 Julio Properties/0087	Received:	08/06/21 9:50 AM
		EMSL Order:	162117694
		EMSL Proj ID:	
		Cust COC ID	
		Project Type:	Standard

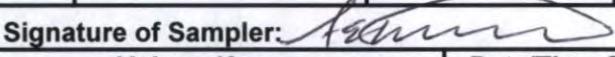
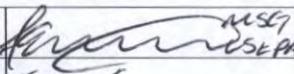
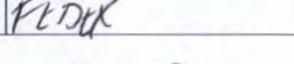
Lab Sample #	Cust. Sample #	Location	Due Date
162117694-0009	JP-MAS-CW1-080421		8/9/2021 6:00:00 PM
162117694-0010	JP-MAS-CW2-080421		8/9/2021 6:00:00 PM
162117694-0011	JP-FB1-080421		8/9/2021 6:00:00 PM



Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

162117694

Company : EQM		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small> <small>Third Party Billing requires written authorization from third party</small>						
Street: 1800 CARILLON BLVD.		Zip/Postal Code: 45240						
City: CINCINNATI State/Province: OH		Country: US						
Report To (Name): ANG YE DRAGOTTA		Telephone #: 513-519-8196						
Email Address: ADRAZGOTTA@EQM.COM		Fax #:						
Project Name/Number: JULIO PROPERTIES/0087		Purchase Order: <input type="checkbox"/> Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email						
U.S. State Samples Taken: MICHIGAN		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt						
Turnaround Time (TAT) Options* - Please Check								
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input checked="" type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>								
Matrix	Method		Instrument		Reporting Limit		Check	
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B		Flame Atomic Absorption		0.01%		<input type="checkbox"/>	
Air		NIOSH 7082		Flame Atomic Absorption		4 µg/filter		
		NIOSH 7105		Graphite Furnace AA		0.03 µg/filter		<input type="checkbox"/>
		NIOSH 7300 modified		ICP-AES/ICP-MS		0.5 µg/filter		<input checked="" type="checkbox"/>
Wipe* <small>*if no box is checked, non-ASTM Wipe is assumed</small>		ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/>		SW846-7000B		10 µg/wipe		<input type="checkbox"/>
		SW846-6010B or C		ICP-AES		1.0 µg/wipe		<input type="checkbox"/>
		SW846-7000B/7010		Graphite Furnace AA		0.075 µg/wipe		<input type="checkbox"/>
TCLP		SW846-1311/7000B/SM 3111B		Flame Atomic Absorption		0.4 mg/L (ppm)		<input type="checkbox"/>
		SW846-1131/SW846-6010B or C		ICP-AES		0.1 mg/L (ppm)		<input type="checkbox"/>
Soil		SW846-7000B		Flame Atomic Absorption		40 mg/kg (ppm)		<input type="checkbox"/>
		SW846-7010		Graphite Furnace AA		0.3 mg/kg (ppm)		<input type="checkbox"/>
		SW846-6010B or C		ICP-AES		2 mg/kg (ppm)		<input type="checkbox"/>
Wastewater		Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>		SM3111B/SW846-7000B		Flame Atomic Absorption		<input type="checkbox"/>
		EPA 200.9		Graphite Furnace AA		0.003 mg/L (ppm)		<input type="checkbox"/>
		EPA 200.7		ICP-AES		0.020 mg/L (ppm)		<input type="checkbox"/>
Drinking Water		Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>		EPA 200.9		Graphite Furnace AA		<input type="checkbox"/>
		EPA 200.8		ICP-MS		0.003 mg/L (ppm)		<input type="checkbox"/>
TSP/SPM Filter		40 CFR Part 50		ICP-AES		12 µg/filter		<input type="checkbox"/>
		40 CFR Part 50		Graphite Furnace AA		3.6 µg/filter		<input type="checkbox"/>
Other:								<input type="checkbox"/>
Name of Sampler: ASHLEY MILLER <small>MSD</small> <small>USEPA</small>				Signature of Sampler: 				<input type="checkbox"/>
Sample #	SAMPLE ID	Location-RCM	Volume/Area		Date/Time Sampled			
JP-MAS-LW-080221	15ML	/ 3.3 L/min	/ 08/02/2021 0845-		1622			
JP-MAS-DW-080221	1491L	/ 3.3 L/min	/ 08/02/2021 0855-		1627			
JP-MAS-CWI-080221	1492L	/ 3.3 L/min	/ 08/02/2021 0849-		1624			
JP-MAS-CW2-080221	1440	/ 3.3 L/min	/ 08/02/2021 0902-		1632			
JP-FBI-080221	nlu - FIELD BLANK				08/02/2021			
Client Sample #'s				Total # of Samples: 11				
Relinquished (Client): 		Date: 08/05/2021		Time: 1400				
Received (Lab): 		Date: 08/05/2021		Time: 1410				
Comments: RESULTS ALSO TO JBANKLEY@MANNIKSMITHGROUP.COM								



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY
EMSL ORDER ID (*Lab Use Only*):

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Comments/Special Instructions:

Lynn MSG
1 SEP 1

Page 2 of 2 pages

Order ID: 162117694
 Julio Properties/0887 SD 8/4/22 Julio Properties/0887 No Samples: 11
 8/6/2021 8:50 TAT: 1 Day Due: 08/09 6:00 PM
 C-Metals by ICP-MS Cassettes Fax: 513-825-7495

Order ID: 162117694

Date: 8/6/2021

ICP-MS Air Cassette Preparation Log					
NIOSH 7303 Modified					
QC Batch ID:	16Q210806-MSair	Digestion start:	9:30	Hot Block ID #:	D
Initials:	AK	Digestion end:	10:00	Tube Lot #	513737-2029
LCS/LCSD:	MS16-21-337	HNO ₃ Reference #	C16-21-181		
Std1 ref#:	MS16-21-303	HCl Reference #	C16-20-105	Pipette ID:	E11
Std2 ref#:	MS16-21-304	Std5 ref#:	MS16-21-307		
Std3 ref#:	MS16-21-305	Std6 ref#:	MS16-21-308		
Std4 ref#:	MS16-21-306	Std7 ref#:	MS16-21-309		
ICV	MS16-21-310	ICSA-1	MS16-21-338		
CCV	MS16-21-336	ICSAB-1	MS16-21-339		
Sample	Client Volume (L)	mL Spike	Final Volume (mL)		
Matrix Blank		0	50		
RLVS 1 (yearly)		0.5mL STD7 & 0.0225mL Cal Mix 2			
RLVS 2 (yearly)		0.025 mL each Cal Mix 1, 2, & 3			
RLVS Be (yearly)		0.1 mL STD 7			
LCS		0.5 mL LCS Spiking solution			
LCSD		0.5 mL LCS Spiking solution			
162117672-1	867	0			
162117672-2	851.7	0			
162117672-3	0	0			
162117673-1	888.5	0			
162117673-2	1129.8	0			
162117673-3	1163.2	0			
162117673-4	1138.6	0			
162117689-1	786.7	0			
162117689-2	812.8	0			
162117689-3	835.2	0			
162117694-1	1514	0			
162117694-2	1491	0			
162117694-3	1492	0			
162117694-4	1440	0			
162117694-5	0	0			
162117694-6	0	0			
162117694-7	1751	0			
162117694-8	1826	0			
162117694-9	1787	0			
162117694-10	1852	0			
162117694-11	0	0			
To each sample add 5 mL OPTIMA HNO ₃ (Conc).			30 mins		
To each sample add 1 mL 30% H ₂ O ₂			15 mins		

Signature of Preparer:

M. Kell

Date: *8/6/21*



EMSL Standard/Solution Preparation Log

Department:

Chemistry

Date Prepared	Name of Prepared Standard/Solution	Concentration/ pH	Assigned Expiration Date	Soln.	EMSL ID Number	Volume/ Mass Used (w/ units)	Pipette or Balance #	Total Volume	Assigned Prepared Lot Number	Initials of Preparer
7/26/21	STD 1 (ICP-MS) air	various	8/9/21	Std 7	MS16-21-308	0.1 mL	E7	50 mL	MS16-21-303	AF
				HNO ₃	C16-21-136	5 mL				
7/26/2021	STD 2 (ICP-MS) air	various	8/9/21	Std 7	MS16-21-309	0.5 mL	E7	50 mL	MS16-21-304	AF
				HNO ₃	C16-21-136					
7/26/2021	STD 3 (ICP-MS) air	various	8/9/21	Cal Mix 1	C16-20-172	0.025 mL	E7	50 mL	MS16-21-305	AF
				Cal Mix 2	MS16-20-405	0.025 mL				
				Cal Mix 3	C16-20-173	0.025 mL				
				HNO ₃	C16-21-136	5mL				
7/26/2021	STD 4 (ICP-MS) air	various	8/9/21	Cal Mix 1	C16-20-172	0.05 mL	E7	50 mL	MS16-21-306	AF
				Cal Mix 2	MS16-20-405	0.05 mL				
				Cal Mix 3	C16-20-173	0.05 mL				
				HNO ₃	C16-21-136	5mL				
7/26/2021	STD 5 (ICP-MS) air	various	8/9/21	Cal Mix 1	C16-20-172	0.075 mL	E7	50 mL	MS16-21-307	AF
				Cal Mix 2	MS16-20-405	0.075 mL				
				Cal Mix 3	C16-20-173	0.1 mL				
				HNO ₃	C16-21-136	5mL				
7/26/2021	STD 6 (ICP-MS) air	various	8/9/21	Cal Mix 1	C16-20-172	0.125 mL	E7	50 mL	MS16-21-308	AF
				Cal Mix 2	MS16-20-405	0.125 mL				
				Cal Mix 3	C16-20-173	0.25 mL				
				HNO ₃	C16-21-136	5mL				
7/26/2021	STD 7 (ICP-MS) air	various	8/9/21	Cal Mix 1	C16-20-172	0.25 mL	E7	50 mL	MS16-21-309	AF
				Cal Mix 2	MS16-20-405	0.25 mL				
				Cal Mix 3	C16-20-173	0.5 mL				
				HNO ₃	C16-21-136	5mL				
7/26/2021	ICV (ICP-MS) air	various	8/9/21	ICV 2A Intermed.	MS16-21-253	0.3 mL	E11	50 mL	MS16-21-310	AF
				ICV 2C Intermed.	MS16-21-254	0.3 mL				
				HNO ₃	C16-21-136	5 mL				
8/5/2021	LCS spike soln. air	various	11/3/21	Cal Mix 1	C16-20-172	2.5 mL	E7	50 mL	MS16-21-337	AK
				Cal Mix 2	MS16-20-405	2.5 mL				
				Cal Mix 3	C16-20-173	0.5 mL				
				HNO ₃	C16-21-181	1 mL				
8/5/2021	ICSA-1 air	various	8/19/21	ICP 1C	C16-21-139	0.15 mL	E7	50 mL	MS16-21-338	AK
				HNO ₃	C16-21-181	5 mL				
8/5/2021	ICSAB-1 air	various	8/19/21	ICP 1C	C16-21-139	0.15 mL	E7	50 mL	MS16-21-339	AK
				Cal Mix 1	C16-20-172	0.075 mL				
				HNO ₃	C16-21-181	5 mL				